

Front Cover: THE LOGAN CAMPBELL GALLERY, showing new displays of ceramics, silver and glass. The Gallery has been set up with funds provided by the Sir John Logan Campbell Trust.

TAGGING A MONARCH AT AN OVERWINTERING COLONY.

In February 1968 the Museum's Entomologist, Mr Wise, began a programme of wing tagging to trace the dispersal of monarch butterflies.

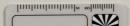


ANNUAL REPORT

AUCKLAND INSTITUTE AND MUSEUM

1967-68

For presentation at the Annual General Meeting to be held on 24th June, 1968



Staff of the Museum

Director	E. G. TURBOTT, M.SC., F.M.A.N.Z.
Assistant Director (retired 4 April)	A. W. B. POWELL, HON. D.SC.,
Assistant Director (retired 4 April)	EDGNIZ EMINIZ
Detected and Antistant Discretes	F.R.S.N.Z., F.M.A.N.Z.
Botanist and Assistant Director	R. C. COOPER, B.COM., M.A.,
(as from 5 April)	PH.D., F.M.A.N.Z.
Ethnologist	V. F. FISHER, M.A., F.M.A.N.Z.
	(retired 3 January)
	D. R. SIMMONS, M.A.
	(as from 19 January)
E. Earle Vaile Archaeologist	
Recorder (Ethnology)	EUNICE E. WARNEFORD, M.A.
Curator, Colonial Section	EDNA M. STEPHENSON
Hon. Botanist	LUCY CRANWELL SMITH, M.A.,
	D.SC., F.L.S., F.R.S.N.Z.
Associate Botanists	JEANNE H. GOULDING
	PHYLLIS HYNES
Entomologist	TO A T NUMBER
	K. A. J. WISE
Marine Biologist	A. B. STEPHENSON, B.SC.
Conchologist	W. O. CERNOHORSKY (on leave)
Recorder (Zoology)	LOIS J. WAGENER
	(retired 29 February)
Associate Ornithologist	H. R. McKENZIE
Tissociate Officiologise	(as from 1 March)
Curator of War Relics and Europe	
Applied Arts	T. J. BAYLISS
Hon. Curator of English China	C. REGINALD FORD, F.R.I.B.A.,
	F.R.G.S.
Librarian	F.R.G.S. ENID A. EVANS, B.A., A.L.A.,
Librarian	
	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A.
Librarian Assistant Librarian	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A.,
Assistant Librarian	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A.
Assistant Librarian	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA McINNES
Assistant Librarian Library Assistant Extension Service Officer	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA McINNES J. H. WADHAM, B.SC.
Assistant Librarian	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA McINNES J. H. WADHAM, B.SC. R. A. McINTOSH, F.R.A.S.,
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., ALLA., A.N.Z.L.A. PAMELA MCINNES J. H. WADHAM, B.S.C. R. A. MCINTOSH, F.R.A.S., F.R.A.S.N.Z.
Assistant Librarian Library Assistant Extension Service Officer	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA MCINNES J. H. WADHAM, B.SC. R. A. MCINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA MCINNES J. H. WADHAM, B.SC. R. A. MCINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., ALLA., A.N.Z.L.A. PAMELA MCINNES J. H. WADHAM, B.S.C. R. A. McINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR L. J. CAPPEL, DIP. LA.C. (AMST.)
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant	ENID A. EVANS, B.A., A.L.A., F.N.Z.LA. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.LA. PAMELA MCINNES J. H. WADHAM, B.SC. R. A. A. KIRYTOSH, F.R.A.S., J. B. ORR L. J. CAPPEL, DIP, LA.C. (AMST.) BETTY BROOKES
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., ALLA., A.N.Z.L.A. PAMELA MCINNES J. H. WADHAM, B.S.C. R. A. McINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR L. J. CAPPEL, DIP. LA.C. (AMST.) BETTY BROOKES R. A. SCOBIE, M.A., F.M.A.N.Z.
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA MINNES J. H. WADHAM, B.SC. R. A. MCINTOSH, F.R.A.S., F.A. MCINTOSH, F.R.A.S., J. R.A. MCINTOSH, F.R.A.S., J. R.A. S. J. R. M. S. G. M. J. R. M. S. C. B. H. C. ADMAN, B. A. B. H. C. ADMAN, B. A.
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officer	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., ALLA., A.N.Z.L.A. PAMELA MCINNES J. H. WADHAM, B.S.C. R. A. McINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR L. J. CAPPEL, DIP. LA.C. (AMST.) BETTY BROOKES R. A. SCOBIE, M.A., F.M.A.N.Z. B. H. CADMAN, B.A. A. F. van der MEUDEN, M.A.
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officers Artist-Technician (Education Section	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA MINNES J. H. WADHAM, B.SC. R. A. McINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. DRR T. B. DR. A. F. Van der MEUDEN, M.A. D. J. B. MCAW
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officer	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., ALLA., A.N.Z.L.A. PAMELA MGINNES J. H. WADHAM, B.S.C. R. A. MGINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR L. J. CAPPEL, DIP. LA.C. (AMST.) BETTY BROOKES R. A. SCOBIE, M.A., F.M.A.N.Z. B. H. CADMAN, B.A. A. F. van der MEUDEN, M.A. OI) J. B. MCCAW THERESE B. WILSON
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officers Artist-Technician (Education Section	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA MINNES J. H. WADHAM, B.SC. R. A. McINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. DRR T. B. DR. A. F. Van der MEUDEN, M.A. D. J. B. MCAW
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officers Artist-Technician (Education Section Assistant Treasurer Clerical Assistant	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA MINNES J. H. WADHAM, B.S.C. R. A. McINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR F.R.A.S.N.Z. J. B. ORR F.R.A. SCOBLE, M.A., F.M.A.N.Z. B. H. CADMAN, B.A. A. F. van der MEUDEN, M.A. OJ. J. B. MCCAW THERESE B. WILSON BETTY R. BLOW
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officers Artist-Technician (Education Section Assistant Treasurer Clerical Assistant Stenographer	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., ALA., A.N.Z.L.A. PAMELA MGINNES J. H. WADHAM, B.S.C. R. A. MGINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR L. J. CAPPEL, DIP. LA.C. (AMST.) BETTY BROOKES R. A. SCOBIE, M.A., F.M.A.N.Z. B. H. CADMAN, B.A. A. F. van der MEUDEN, M.A. OI) J. B. McCAW THERESE B. WILSON BETTY R. BLOW JUDITH A. HOOKHAM
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officer Assistant Education Officer Assistant Treasurer Clerical Assistant Stenographer Typist-Telephonist	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA MEINNES J. H. WADHAM, B.S.C. R. A. MEINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR EL J. C. R. G.
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officers Artist-Technician (Education Section Assistant Treasurer Clerical Assistant Stenographer	ENID A. EVANS, B.A., A.L.A., F.N.Z.LA. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.LA. PAMELA MCINNES J. H. WADHAM, B.SC. R. F. A. S. B.
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officers Artist-Technician (Education Section Assistant Treasurer Clerical Assistant Typist-Telephonist Information Service	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA MEINNES J. H. WADHAM, B.S.C. R. A. M.EINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR E. J. C. A. M. G. M.
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officers Artist-Technician (Education Section Assistant Education Officers Artist-Technician (Education Section Section Assistant Education Officers Artist-Technician (Education Section Section Assistant Education Officers Artist-Technician (Education Section Section Section Section Section Education Section Sect	ENID A. EVANS, B.A., A.L.A., F.N.Z.LA. CHRISTINA O. TROUP, B.A., ALLA., A.N.Z.LA. PAMELA MCINNES J. H. WADHAM, B.SC. R. A. MCINYOSH, F.R.A.S., J. B. ORR. L. I. CAPPEL, DIP, LA.C. (AMST.) BETTY BROOKES R. A. SCOBIE, M.A., F.M.A.N.Z. B. H. CADMAN, B.A. J. B. MCAW WILSON HERESE B. HOW HERESE B. HOW HOW MARGARET WOOLLOXALL MARGARET WOOLLOXALL MARGARET M. BOND DOROTHY J. BEAVIS R. C. H. HENSEN
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officers Artist-Technician (Education Section Assistant Treasurer Clerical Assistant Stenographer Typiat-Telephonist Information Service Supervisor Cabinetmaker	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA MEINNES J. H. WADHAM, B.S.C. R. A. M.EINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR L. J. CASPEL, DIP, L.A.C. (AMST.) BETTY BROOKES R. A. SCOBLE, M.A., F.M.A.N.Z. B. H. CADMAN, B.A. D. J. B. M. C. C. WELLDEN, M.A. THERESE B. WILSON BETTY R. BLOW JUDITH A. HOOKHAM MARGARET WOOLLOXALL MARGARET M. BOND DOROTHY J. BEAVIS R. C. H. HENSEN T. BOGDALSKI
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officers Artist-Technician (Education Section Assistant Treasurer Clerical Assistant Treasurer Typist-Telephonist Information Service Supervisor Cabinetmaker Hand (Maintenance)	ENID A. EVANS, B.A., A.L.A., F.N.Z.LA. CHRISTINA O. TROUP, B.A., ALLA., A.N.Z.LA. PAMELA MINNES J. H. WADHAM, B.SC. R. A. MCINYOSH, F.R.A.S., J. B. D. R. R. R. M. M. R.
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officers Artist-Technician (Education Section Assistant Treasurer Clerical Assistant Stenographer Typiat-Telephonist Information Service Supervisor Cabinetmaker	ENID A. EVANS, B.A., A.L.A., F.N.Z.L.A. CHRISTINA O. TROUP, B.A., A.L.A., A.N.Z.L.A. PAMELA MEINNES J. H. WADHAM, B.S.C. R. A. M.EINTOSH, F.R.A.S., F.R.A.S.N.Z. J. B. ORR L. J. CASPEL, DIP, L.A.C. (AMST.) BETTY BROOKES R. A. SCOBLE, M.A., F.M.A.N.Z. B. H. CADMAN, B.A. D. J. B. M. C. C. WELLDEN, M.A. THERESE B. WILSON BETTY R. BLOW JUDITH A. HOOKHAM MARGARET WOOLLOXALL MARGARET M. BOND DOROTHY J. BEAVIS R. C. H. HENSEN T. BOGDALSKI
Assistant Librarian Library Assistant Extension Service Officer Planetarium Lecturer Assistant Planetarium Lecturer Preparator Art Assistant Education Officer Assistant Education Officers Artist-Technician (Education Section Assistant Education Officers Artist-Technician (Education Section Assistant Education Officers Artist-Technician (Education Section Education Officers) Artist-Technician (Education Section Education Service Clerical Assistant Stenographer Typist-Telephonist Information Service Supervisor Cabinetmaker Library Assistant Letture Properties Control	ENID A. EVANS, B.A., A.L.A., F.N.Z.LA. CHRISTINA O. TROUP, B.A., ALLA., A.N.Z.LA. PAMELA MINNES J. H. WADHAM, B.SC. R. A. MCINYOSH, F.R.A.S., J. B. D. R. R. R. M. M. R.

Coffee Lounge:

JEAN HULL (Manageress), D. A. PEMBERTON, P. W. WALTON.

Attendants:
K. L. MACK, B.E.M. (Senior), O. BECK, R. J. BOWES, H. J. DAY, A. LOCK, J. F. MILLER, J. W. SHARPE, B.E.M., E. SOUTHWORTH, J. P. THOMSON.

OFFICERS

OF THE

AUCKLAND INSTITUTE

MUSEUM

1967-68

☆

President: DR. H. C. HOLLAND, F.R.I.C.

Vice Presidents:

MR J. H. ROSE, LL.B., MR JOHN SEABROOK, A.F.C., E.D., U.S. LEGION OF MERIT MR S. G. BROOKER, M.SC.

Council:

MR J. D. ATKINSON, M.AGR.SC. PROFESSOR L. H. BRIGGS, D.SC., D.PHIL., FR.S.N.Z.
DR. P. J. BROOK
Mr G. W. FRATER
LT.-COL. A. R. HUGHES
DR. I. H. KAWHARU, B.SC., M.A., B.LITT., D.PHIL.

MR K. B. MYERS, M.B.E. MR A. T. PYCROFT MR D. B. ROBERTSON, M.B., B.S., F.R.C.S. DR. E. H. ROCHE, M.C., M.D., F.R.A.C.P. PROFESSOR E. J. SEARLE, D.SC. MR R. B. SIBSON, E.D., M.A.

Representatives of the Auckland City Council: HIS WORSHIP THE MAYOR, DR. R. G. McELROY MRS W. HORTON, MR A. O. GLASSE, O.B.E., M.C., MR W. M. TONGUE, J.P., E.D.

Representatives of Local Authorities: MRS F. SHIEFF, MESSRS B. C. ADAM, C. R. BACH, E.D., B.SC., N. BLAKE, H. E. CAMPIN, J.P., H. McK. GEDDES, H. A. JACKSON, F. C. McGEHAN, J.P.

Trust Roard

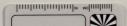
MR KENNETH B. MYERS, M.B.E. SIR GILBERT ARCHEY, C.B.E., F.R.S.N.Z. DR H. C. HOLLAND, F.R.I.C.

MR A. T. PYCROFT MR J. H. ROSE, LL.B. MR JOHN SEABROOK, A.F.C., E.D., U.S. LEGION OF MERIT

Representative on Member Bodies' Committee, Royal Society of New Zealand: DR. P. J. BROOK

Director.

E. G. TURBOTT, M.SC., F.M.A.N.Z.



1867 F. Whitaker

PRESIDENTS

OF THE

AUCKLAND INSTITUTE

AND MUSEUM

*

1901 J. Stewart

1869	Hon. T. B. Gillies	1902	Dr. E. Roberton
1870	Rev. Dr. A. G. Purchas	1903	Professor A. P. W. Thomas
1871	T. Heale	1906	Professor F. D. Brown
1873	Hon. T. B. Gillies	1907	E. V. Miller
1874	Sir G. A. Arney	1909	Professor C. W. Egerton
1875	J. C. Firth	1910	Dr. R. Briffault
1876	Hon. T. B. Gillies	1911	J. H. Upton
1877	R. C. Barstow	1912	Professor H. W. Segar
1878	T. Heale	1913	C. J. Parr
1879	Rev. Dr. A. G. Purchas	1915	Hon. Sir E. Mitchelson
1881	T. Peacock	1917	J. H. Gunson
1882	E. A. MacKechnie	1926	H. E. Vaile
1883	Rt. Rev. Dr. W. G. Cowie	1931	Alfd. G. Lunn
1884	H. G. Seth Smith	1933	Professor H. W. Segar
1885	J. A. Pond	1934	Sir Cecil Leys
1886	Professor F. D. Brown	1935	A. T. Pycroft
1887	Professor A. P. W. Thomas	1936	Sir Carrick Robertson
1888	S. Percy Smith	1938	C. Reginald Ford
1889	J. Martin	1940	Dr. W. A. Fairclough
1890	J. Stewart	1942	A. H. Johnstone
1891	Professor F. D. Brown	1944	J. C. Rennie
1893	Professor C. A. M. Pond	1947	Hon. T. Bloodworth
1894	J. H. Upton	1949	F. L. G. West
1895	Professor A. P. W. Thomas	1952	Professor L. H. Briggs
1896	D. Petrie	1955	J. W. Kealy
1897	Dr. E. Roberton	1958	J. H. Rose
1898	Prof. H. A. Talbot-Tubbs	1961	John Seabrook
1899	J. Batger	1964	S. G. Brooker
1900	Professor H. W. Segar	1967	Dr. H. C. Holland



1967 Dr. H. C. Holland

DIRECTOR EMERITUS

Sir Gilbert Archey, C.B.E., F.R.S.N.Z.

REPORTS TO MEMBERS

President

While much of interest has taken place during the year, as recorded in various reports below, the period under review has been an especially notable one as it has included the centenary of the Institute; this was celebrated on 6th November, the foundation of the Institute having taken place on Wednesday, 6th November, 1867. As mentioned by Mr Brooker last year, the Auckland Museum was founded in 1852 before the formation of the Institute, and the museum was not, in fact, transferred to the Institute until 1869, but since then the two bodies have been administered together—centennial celebrations to mark the foundation of the Museum had been held in 1952.

Our plans for the celebration of the centenary included the organization of the Centennial Conversazione, held on the evening of Monday, 6th November, while the Institute Committee arranged to hold a special lecture series, comprising addresses contributed by kindred institutions, covering a wide field in science and the arts; the latter series opened with the Presidential Address on "New Zealand Medicinal Plants" by Mr. S. G. Brooker. In addition,

a Centennial Publication Committee was set up to arrange for the publication of a centennial *History*.

It is accordingly with much satisfaction that I am able to express on behalf of all members our thanks to those who worked so hard to make these activities such a marked success: to the Conversazione Committee (Mrs Horton, Mr Bach, Professor Briggs, Mr Frater, Lt.-Colonel Hughes, Dr Roche, Mr Sibson, Mr Turbott, Mr Wadham, and the President); the Publication Committee (Dr Powell, Editor; Mr Brooker, Miss Christina Troup and Mr Turbott); and the Institute Committee, which was responsible for the organization of the centennial year Lecture Syllabus. The entertainment on the evening of the Conversazione included songs for which we wish to thank the singer, Miss Donna Awatere, and Sister Mary Leo, who co-operated in the arrangements; and Maori items and demonstrations, for which grateful acknowledgement is made to the Ardmore Teachers' College Maori Club and Orakei Maori Group, We are also grateful to Commodore L. G. Carr, D.S.C., A.D.C., R.N.Z.N., through whose courtesy the Orchestra of the band of the Royal New Zealand Navy played throughout the evening.

A much-appreciated aspect of the centenary, which may also be recorded here, was the action taken by the Auckland Electric-Power Board, in response to our earlier approach, to provide modern floodlighting for the Museum; the Board, as members will be aware, provides the floodlighting as its contribution to the War Memorial, and its special effort to provide the new illuminations in time for the centenary was most welcome. The installations

were switched on at a ceremony held on the evening of Thursday, 26th October, Mr E. L. Sibun, Deputy-Chairman of the Board, speaking on behalf of the Power Board on this occasion.

Many messages of congratulation were received, and it is with pleasure that we express our appreciation to all who sent their

good wishes.

This year also saw the centennial celebrations of the Royal Society of New Zealand—founded as the New Zealand Institute on 10th October, 1867—various functions being arranged in Wellington over the period 10th-12th October. These were attended by Dr Brook, Mr Brooker, Professor Briggs, Mr Turbott and myself.

Two ceremonies held on the Court of Honour, and continued within the Museum, may be mentioned briefly: first, the Commemoration of the Battle of the Coral Sea on Friday, 19th May was marked by a Mayoral Reception in the Maori Court following the ceremony at the Cenotaph, the principal guest being Admiral David L. McDonald, Chief of Operations, United States Navy. On 16th October servicemen of the Main Body, First N.Z.E.F., met on the Court of Honour to present to the Museum the album assembled by Colonel W. W. Murphy, depicting events of the 40th anniversary reunion in 1954, and historic detail concerning the force. The presentation was made on behalf of the Main Body Association by Brigadier Sir Herbert Hart and the album will be shown in the First World War Hall of Memory, and placed in the main entrance vestibule, where it may be examined by all interested, on 25th April and 16th October of each year.

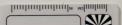
Awards

It is with pleasure that congratulations are extended again this year to our fellow-members who have been accorded awards by Her Majesty the Queen: to Sir William MacKay, O.B.E., M.C., on being awarded a Knighthood, and to the Most Reverend James M. Liston, C.M.G., D.D. and Mr O. S. Hintz, C.M.G.

The Hector Medal of the Royal Society of New Zealand, awarded this year to Associate-Professor R. C. Cambie, of the Chemistry Department, University of Auckland, was presented by the President of the Society, Professor J. A. R. Miles, at our

Monday evening session on Monday, 10th July.

Members this year elected two new Honorary Life Members in recognition of notable contributions to the work of our own institution: these were The Right Honourable Sir Harold Barrow-clough, K.C.M.G., C.B., D.S.O., M.C., who took a leading part in planning and in the raising of funds at the time of the erection of the Second World War Memorial; and Mr C. E. Disney, of Auckland, whose action in founding the Disney Art Trust forms a permanent contribution to the development of our collections in the Applied Arts—some details of the Trust founded by Mr Disney will be provided later in this report.



Council

The retirement of Dr Bulmer was mentioned in last year's

report; this became effective in June, 1967.

In addition, Mr J. W. Kealy, S.M., retired in rotation from the Vice-Presidency and did not wish to stand again for election. The Council, and the gathering of members at the Annual General Meeting, expressed their indebtedness to Mr Kealy for his many years of service; Mr Kealy had joined the Council as an Auckland City Council representative in 1944, being subsequently elected by members in 1952, and finally serving as President (1955-1957) and Vice-President (1958-1967). It is with much pleasure that this outline of Mr Kealy's service is recorded in the present report, and appreciation again expressed on behalf of all members.

Dr I. H. Kawharu, B.Sc., M.A., B. Litt., D. Phil. and Mr D. B. Robertson, M.B., B.S., F.R.C.S. were elected to fill the vacancies caused by the retirement of Dr Bulmer and Mr Kealy, and are most cordially welcomed to the Council; Professor Briggs,

Dr Brook and Mr Frater were re-elected.

I was honoured to receive election to the Trust Board, a vacancy having occurred through the death of Mr E. H. Rhodes.

I am glad also to have the opportunity to record the appreciation which will be felt by all members of Mr Brooker's marked contribution to our institution during the three years of his Presidency; the debt due to Mr Brooker for his very active interest in all the affairs of the Institute and Museum and his personal contribution to the progress achieved during the past three years was expressed at the Annual General Meeting, and is recorded with pleasure in this report.

Staff

There has been no further increase in staff establishment, but the year has been one of change—and of some re-organisation—in view of the retirement of two senior members of the staff, the Assistant Director, Dr A. W. B. Powell, and Ethnologist, Mr V. F. Fisher.

Dr Powell's achievements as a scientist are well-known, and all members will join in expressing appreciation of his long and distinguished record of work on behalf of the Institute and Museum, both professionally and administratively. He joined the staff in 1928, and thus retires after 40 years' service; he was appointed Assistant Director in 1936. Dr Powell has in all published to date 101 scientific papers (mainly on Mollusca), and is well known for his popular writing, his Native Animals of New Zealand (best-sellers'). He received an Honorary Doctorate of Science for his distinguished contributions to zoology from the University of Auckland in 1947, and the Fellowship of the Royal Society of New Zealand in 1940, he is a Fellow of the Art Galleries and Museums Association of

New Zealand. While Dr Powell's retirement dates officially from 4th April i.e. shortly after the termination of the period strictly covered by this report, the opportunity is taken to record his retirement and to convey to him the good wishes of members; it is especially pleasing to be able to report further that Dr Powell has been appointed in a research capacity as Research Associate in Mollusca, and will accordingly continue to carry out work on the New Zealand and Indo-Pacific molluscan faunas in the museum.

Mr V. F. Fisher retired on 3rd January, 1968, after 37 years on our staff, at first (appointed 1930) as Assistant Ethnologist, and then (1936) as Ethnologist; during this period he has seen the expansion of our Maori and Pacific ethnological collections to their present leading position by world standards, and has devoted himself throughout his career to ensuring that the collections are scientifically organised and efficiently housed. In addition, Mr Fisher has written on the Maori both in scientific journals and in educational and popular publications, and has given much time to the encouragement of the museum movement in New Zealand through the Art Galleries and Museums Association of New Zealand (Hon. Secretary 1949-1952, Council 1952-1955 and 1959-1967, President 1956-1958) (appointed a Fellow in 1956, and Honorary Life Member, 1968); he was Deputy-Chairman, New Zealand Historic Places Trust, 1955-1959, and President, New Zealand Archaeological Association, 1956-1958. As in the case of Dr Powell, it is with pleasure that on behalf of all members I record our indebtedness to Mr Fisher for his long and distinguished service.

Council appointed Mr W. O. Cernohorsky, of Vatukoula, Fiji Islands, to the position of Conchologist, and Mr D. R. Simmons, M.A., Keeper of Anthropology and Assistant Director of Otago Museum, as Ethnologist. Both Mr Cernohorsky and Mr Simmons come with a notable record of scientific and professional work, and we are pleased to welcome them to take charge of these two departments.

The appointment of the Museum's Botanist, Dr R. C. Cooper, B.Com., M.A., Ph.D., F.M.A.N.Z., to the position of Assistant Director, following Dr Powell's retirement, was also made by the Council: Dr Cooper has already made a notable contribution to the Museum's work, and it is with pleasure that he is now welcomed to this very important post on our staff.

In March, 1968, Mrs Lois Wagener resigned from her post as Recorder (Zoology); she had since her appointment in 1966 established a record of effective and devoted attention to the care of the ornithological collections, and had greatly assisted in developing an interest in bird study throughout the community. Council gratefully accepted the offer of Mr H. R. McKenzie, of Clevedon, well known for his studies on New Zealand birds, to carry out curatorial work on the ornithological collections in a voluntary capacity, and appointed Mr McKenzie as Associate Ornithologist.

AIM Ann Report

It is again pleasing to express members' appreciation of the contribution made to our work by several part-time voluntary helpers, as mentioned in the various departmental reports: all will wish to join in conveying to these helpers who have given their own time so generously to our work our very sincere grafitude.

Membership

The roll has changed as follows:

		As at	As at
		31/3/67	31/3/68
Life Members		415	421
Annual Members	 831	866	
		1,246	1,287

Obituary

The death of the following members is recorded with regret:
Mr J. H. Blackwell, Mr H. J. Butler, LL.M., Mr E. J. Clarke,
Dr Grace de Courcy, L.R.C.P. & S. (Edin), L.R.C.P. & S. (Glas.),
M.D. (Brux.), Mr R. B. Cranwell, Mr L. le F. Ensor, O.B.E.,
Mr N. H. Good, LL.B., Mr D. Hay, O.B.E., Miss E. L.
Hellaby, Mr S. H. Leyland, Mr G. T. Mackadam, Mr F. E. McKenzie M.C., M.A., LL.B., Mr F. L. Moodie, Mr P. R. Parr,
M.Sc., F.N.Z.I.C., Mr F. N. Rhodes, Dr J. Rosenbaum, Miss E. M.
Segar, Mr T. N. Smallwood, O.B.E., Mr A. G. W. Sparrow, Mr
N. B. Spencer, C.B.E., M.S.M., B.A., LL.B.

Dr de Courcy and Miss Hellaby had long been supporters and benefactors, deeply interested in our work and well known to their fellow members; Miss Hellaby had for some years contributed to the development of the Applied Arts collections, while Dr de Courcy had given special support and encouragement to the Library. Both were members of long standing and will be greatly missed.

We also record with regret the death of the Right Reverend W. J. Simpkin, C.M.G., who as Honorary Philatelist from 1938 to 1941 was formerly closely associated with the Museum. In September the death occurred of our Honorary Numismatist, Mr. A. Sutherland, F.R.N.S.N.Z.; Mr. Sutherland, whose distinguished career as a numismatist had included the authorship of the standard work A Numismatic History of New Zealand, had over the past two years given outstanding service in caring for the Museum's collection of coins and medals, and he will be much missed from our honorary staff.

The Disney Art Trust

At the June Council meeting the President, Mr Brooker, announced that Mr Charles Edgar Disney, of Auckland, had decided to set up a Trust, with funds totalling at the date of transfer \$108,966, the proceeds from which were to be available

jointly to the Auckland Institute and Museum, and the National Art Gallery and Dominion Museum, Wellington, for the purchase of Applied Arts items for their collections. Provision is made for application to the Trust by each institution as items are selected, and funds are to be distributed each year equally between the two institutions.

The Council had pleasure at its following meeting in welcoming Mr Disney and in expressing its very deep appreciation of the public-spirited action taken by him in thus providing for the purchase of materials for the enjoyment of all members of the community. Mr Disney, whose life up to his retirement in 1956 at the age of 65 was spent in the merchant navy, has for many years been interested in the applied arts, particularly in the fine porcelains and ornamental arts of China, and in the great periods of European ceramic art (such as Meissen, Copenhagen ware and Delft); his career has enabled him to gain a lifetime's familiarity with the world's great museums, and he finally decided to make generous provision for the development of two of the larger metropolitan institutions in the country of his adoption. In our own case with the ambitious programme for the development of the Applied Arts collections planned by our Curator of Applied Arts, Mr Bayliss, the generous provision made for the expansion of our collections of both Asian and European ceramics, and other applied arts, is most welcome; further details of proposed developments in the Applied Arts section are given by Mr Bayliss in his report.

In establishing the Trust, Mr Disney has given only general instructions concerning the material suitable for purchase, categories named being: Oriental porcelains, particularly of the Ming period; Oriental textiles; Oriental objects of wood, ivory, lacquer, jade and metal; and European ceramics (including Severes, Copenhagen, Meissen, Nymphenburg figures, Delft and English china); but he makes it clear that there is no binding obligation upon the two institutions to conform rigidly to these categories.

All members will wish to join in conveying to Mr Disney our appreciation upon the establishment of the "Disney Art Trust", and all will look forward to the development of our displays in this section.

Gifts

Our thanks are again most gladly offered to the President and Board of Trustees of the Auckland Savings Bank who have as in past years given generously to enable us to proceed with much-needed capital installations: we received this year from the Trustees grants totalling \$4,000, which have enabled us to greatly improve the housing of books and archive collections in the Library; the sum received from the Bank includes \$1,000 for numismatic display cabinets.

(Continued on page 13)



Mr Charles Edgar Disney of Auckland, who gave \$108,966 in June 1967 for the Disney Art Trust, to enable displays in the Applied Arts to be set up at the Auckland War Memorial Museum and the Dominion Museum.

Cantouris Studios photo

**Cantouris



COUNCIL OF THE AUCKLAND INSTITUTE AND MUSEUM — CENTENNIAL YEAR 1967-68

Back cow: Mr. G. W. Frater, Mr. H. A. Jackson, Dr. P. J. Brook, Dr. I. H. Kawharu, Mr. N. Blake, Mr. B. C. Adam, Associate-Professor E. J. Seuth. Center row: Mr. H. E. Campin, Mr. H. McK, Geddes, Dr. E. H. Roche, Mr. F. C. Wickeller, Mr. S. G. Brooker, Vice-President), Dr. H. C. K. Bach, Mr. R. B. Shloon, Mr. J. A. Akinson. Front row: Mr. J. Scabrook (Vice-President), Mrs. W. Horton, Mr. S. G. Brooker, Vice-President), Dr. H. C. Holland (President), Mr. E. G. Turbutt (Director), Mr. J. H. C. K. Constrained, Mr. D. S. C. Wickeller, Mr. D. S. C. Wickelle

Council also received word from the trustees of the late Miss E. L. Hellaby, that Miss Hellaby had bequeathed \$10,000 subject to certain life interests to the Institute and Museum. The sum is for furnishings, furniture, display cases or equipment; in addition, Miss Hellaby bequeathed a small collection of art and natural history items.

Monetary contributions from the following have been received during the year, and are gratefully acknowledged: Auckland Head-masters' Association; Auckland Historical Society; New Zealand Broadcasting Corporation; Stanborough & Sons Ltd.

Local Authority Contributions

Metropolitan: Statutory—	Rotorua City	953.34
	Te Kuiti Borough	
East Coast Bays Borough 1,994.80		166.82
Ellerslie Borough 1,013.42	Waiuku Borough	300.12
Glen Eden Borough 757.22	Warkworth Town	
Helensville Borough 158.52	Whakatane Borough	115.26
Henderson Borough 934.08	Whangarei City	1,990,54
Howick Borough 1,709.79	Whangaroa County	24.59
Manukau City 10.996.68		THE RESERVE TO SERVE THE PARTY OF THE PARTY
Mount Albert Borough 4,393.22		\$6,319,56
Mount Eden Borough 2,652.83		40,01000
Mount Roskill Borough 5,101.58		
Mount Wellington Borough 5,015.48	Provincial: Voluntary —	
	Cambridge Borough	50.00
	Franklin County	
Northcote Borough 1,586.50	Hauraki Plains County	
Onehunga Borough 2,685.53	Hikurangi Town	10.00
One Tree Hill Borough 3,118.16	Matamata County	
Otahuhu Borough 1,612.06	Morrinsville Borough	
Papakura Borough 1,984.52	Otorohanga Borough	
Papatoetoe City 3,151.71	Paeroa Borough	50.00
Takapuna City 4,238.78	Pukekohe Borough	. 200,D0
Waitemata County 10,217,47	Raglan County	. 100.00
	Rotorua County	. 300.00
\$107,680.54	Taumarunui County	50.00
	Tauranga City	
Provincial: Statutory —	Tauranga County	
Hobson County 339.58	Te Aroha Borough	
Hokianga County 62.99	Te Puke Borough	
Huntly Borough 369.04	Thames Borough	
Kaikohe Borough 37.89		
	Waikato County	
Mangonui County 48.82	Waipa County	. 100.00
Murupara Town 12.05	Waitomo County	. 130.00
Ngaruawahia Borough 203.50	Whakatane County	170.00
Opotiki Borough 12.89		
Putaruru Borough 120.09		\$4,421.00
Rodney County 1,017.34		

Auditorium Appeal

The public Appeal under the chairmanship of Mr John Seabrook has been prosecuted actively throughout the year and all will join in congratulating Mr Seabrook, together with members of the Citizens and Campaign Committees, on the notable result achieved: up to 31st March, 1968, the total sum received and promised was \$66,421 (the total includes the \$27,540 available from money collected for the Second World War Memorial). Mr Seabrook's Committee has since then received from the Auckland Savings Bank a most generous additional contribution of \$20,000-added to the \$5,000 contributed earlier by the Bankthus increasing the fund to \$86,421, and bringing it well within sight of the half-way point in its progress towards the objective of \$200,000. All members will wish Mr Seabrook and the Committees well in their further efforts to conclude the Appeal, and will wish to express their appreciation of the long period of strenuous effort undertaken on behalf of this vital project; it is hardly necessary to mention the difficulties necessarily encountered by the Appeal Committees in view of the present period of financial stringency, but our gratitude must be all the more warmly acknowledged to all who have contributed generously to the fund.

As mentioned in my letter to members last August, it is hoped that members who have not yet contributed to the fund will give the matter their earnest consideration, and endeavour to help generously.

Conservation

As in past years the Conservation Committee has actively pursued matters brought to its notice and has taken the initiative in urging conservation measures where necessary: notable amongst matters given consideration this year was the urgent approach made to the Hon. Minister of Lands stating Council's view that commercial prospecting or mining on Hen Island should not be sanctioned at any time, in view of the island's special scientific importance, and the fact that the island was bequeathed to the Crown by Miss Outhwaite in 1925 as a sanctuary for all time. Later, the Committee recommended that Council approach the Hon. Minister again urging that the islands of the Chickens group (other than Coppermine Island, already subject to an application before the Warden's Court) should be left completely undisturbed; it was urged further that every possible precaution be taken to preserve the fauna and flora of Coppermine Island should a further geological survey of the island as proposed be carried out.

The Committee discussed also steps which might be taken to preserve important archaeological sites throughout the provincial area, and undertook to make representations to the appropriate local authorities and national bodies regarding certain sites.

AIM Ann Report

The Museum

Detailed reference to the progress achieved this year in our exhibition halls is made by Mr Turbott, and by the appropriate members of the staff in their departmental reports. I wish, however, to compliment all staff members, and the many outside helpers mentioned in individual reports, on the excellent rate of progress in all sections.

Two important installations were brought to completion during the year—the re-opening in the old library area of the Milne and Choyce centennial gift "Centennial Street" and the final installations under Mr Bayliss' supervision in the Logan Campbell Gallery (Applied Arts)—both forming a major advance in our display programme, and extending the range of material available for viewing by visitors to the galleries, and for teaching. Thanks were expressed by Mr Brooker in his report last year to Messrs Milne and Choyce for the gift of the "Street", and it is with pleasure that we record again our appreciation now that the display is installed in the Museum. We are grateful, too, as mentioned in last year's report, to the Sir John Logan Campbell Trust for the funds which have enabled us to show adequately our outstanding collection of applied arts.

H. C. HOLLAND

Chairman of the Trust Board

Some further renovation has been necessary to bring the Vaile properties up to a satisfactory standard, but the very moderate expenditure on maintenance shown in the accounts reflects the considerable effort made to improve all properties last year. Mr Hensen's attention to the properties, and his care in dealing with all matters of maintenance, are again greatly appreciated by the Board. Insurances on all properties have been revised during the year.

Investments remain essentially as last year, no further re-investment having been required. The total of funds invested by the Board now stands at \$363,395.

At a Special General Meeting held on 26th June, 1967, Dr H. C. Holland, F.R.I.C., was elected by members, in place of the late Mr E. H. Rhodes, and it is with much pleasure that Dr Holland is welcomed to the Board.

KENNETH B. MYERS

Director

Institute Lectures

The programme as mentioned by Dr Holland in his report above was a special one, provided by sister institutions, and to all societies and lecturers who helped in making the Centennial Year series such a success thanks are expressed on behalf of all our members. The syllabus was as follows: Presidential Address, Mr S. G. Brooker, "New Zealand Medicinal Plants"; Miss Janet M. Davidson, "Archaeology in Polynesia" (sponsored by Anthropology and Maori Studies Section, Auckland Institute and Museum); Dr J. B. Hutton, "Agricultural Development and Research in New Zealand" (sponsored by New Zealand Institute of Agricultural Science); Dr E. H. Roche, "Infiltration of Science into Medicine" (Annual Medical Association Lecture); Mr I. B. Reynolds, "Current Architectural Trends in New Zealand" (sponsored by New Zealand Institute of Architecture). It was also much appreciated that the President of the Royal Society of New Zealand, Professor J. A. R. Miles, was able to participate in the Centennial Year syllabus: Professor Miles spoke on "The Ecology of Some Infectious Disease Agents'

This year's syllabus also included an address by the Rutherford Memorial Lecturer, Sir Harrie Massey, F.R.S., who visited Auckland in the course of his New Zealand tour; his address, delivered on the evening of Monday, 16th October, was entitled "Scientific Research in Space".

Members appreciated a brief survey of the aims and rules of the Royal Society of New Zealand, given by Professor Miles before his lecture mentioned above. The Society — of which our Institute forms a member body — was reconstituted and its character largely modified with the passing of the Royal Society of New Zealand 21965, while revised rules were likewise necessary (see New Zealand Gazette No. 78, p. 2366; 22nd December, 1965), and Professor Miles' commentary on the changes involved proved most helpful.

The Sunday Lecture series was held as in previous years (see details in Mr Wadham's report).

The Display Programme

The final process of installation in the old library site of our display of Colonial collections, "Centennial Street" — sponsored by Milne & Choyce Ltd. and presented by the firm to the citizens of Auckland and by the City to the Museum — has been mentioned above by the President. Further, details of the work of re-installation, and of the notable amount of voluntary assistance received, are given in Mrs Stephenson's report. But it is perhaps timely to record in a little detail the history of this quite ambitious display project, and the wide allocation of responsibility necessary in order to bring it to completion.

The display, as indicated in the introductory section of our handbook, carries the viewer into the Auckland of 1866: it is not a representation of Queen Street, or any other actual street, yet it is hoped that historial accuracy in detail ensures that the impression given is a satisfactory one. More especially, each object shown has been assessed with care as typical of the period, and in contemporary use; the display is, in fact, a venture in history recorded in three-dimensional terms.

In general concept and design the display was co-operative between the Museum and the firm of Milne and Choyce; it was from Milne and Choyce that the idea originated of an historical display which would fittingly mark their centenary. In addition to assisting with the services of expert staff, the firm agreed to meet the cost of appointing an additional member of the curatorial staff of the Museum during the establishment period, and for the first three years afterwards, Mrs Stephenson being appointed to this post.

We were most fortunate that Mr Peter Parsons, of Milne and Choyce's staff, was available as supervising architect and artist, for Mr Parsons was able to contribute both his enthusiasm, and his interest in early Auckland architecture. In the work of re-installation, Mr Parsons again took responsibility for adapting the "Street" in detail to the new site; it had been constructed sectionally with transfer to the Museum in view, and this required Mr Parsons' special attention both at the time of the original installation and before the transfer could be undertaken.

Acknowledgement has been made, both in the Handbook and in our annual reports, to the contractors for Milne and Choyce, Messrs Bryco Construction, and to the firm's technical staff who assisted; the construction was carried out by Messrs Bryco, and this firm also dismantled the display and re-erected it in its present site.

The design and installation of all the shop and room interiors were undertaken by our Preparator, Mr Cappel, who worked in close co-operation with Mr Parsons. It was not possible in the case of the first installation in Milne and Choyce's Queen Street store for Mr Cappel to add special lighting effects, but with re-installation in the old library site he was able to combine with the overall lighting a 12-volt system, providing for much more extensive illumination, and giving a subdued effect appropriate to the period. Re-installation made it necessary for Mr Cappel to completely revise the display design of each unit, whether room or shop.

In the original "Street" our Art Assistant, Mrs Brookes, contributed all the contemporary signwriting giving the display much of its characteristic appearance and this was extended in the re-established "Street", Mrs Brookes' new signs including the various price tickets in the shops themselves. Mrs Brookes also modified the perspective drawings designed by Mr Parsons as required. The re-construction also required assistance from time to time from

nearly all members of our maintenance and attendant staff; and a good deal of outside carpentering was necessary, the latter being efficiently carried out by Messrs G. Robinson and A. Hodge.

The curator appointed to assume responsibility for recording and assessment of our collections in this section, Mrs Stephenson, has throughout had a dual task. This has been first, care of the existing collections (including the extensive accession of material comprising the former Old Colonists' Museum), and of the ever-growing volume of new accessions; and, secondly, attention throughout the project to planning, in co-operation with Mr Cappel, of the various units in the display. Acknowledgement has been made in detail in the Handbook (and supplement) of the many gifts and loans received, while Mrs Stephenson has in her own report this year recorded her gratitude to the numerous well-wishers who assisted with the actual preparation of items during the re-establishment of the "Street". While the extensive list of all Mrs Stephenson's helpers cannot be included again here, mention is made especially of Miss O. Wynn-Williams who has assisted and encouraged throughout. It may be added that Mr Cappel, too, received much help from Miss Alexis Hunter, who was employed as temporary assistant, and Miss Nga Teiho, who gave much-appreciated assistance voluntarily.

This portion of our collections was established as a new Section within the general organization of the Department of Ethnology, under Mr Fisher; Mr Fisher, who had for some years taken a special interest in the preservation of colonial items assisted greatly from the first, and spent much time on the project in its early stages.

It will be remembered, too, that the establishment of the "Street" was preceded originally by much research, and this was undertaken mainly by the Librarian, Miss Evans, who also wrote the historical descriptions of each of the firms in our *Handbook*. Mrs Winifred Macdonald contributed a most interesting account of the Auckland of 1866 to the *Handbook*.

It is hoped that the above account, although necessarily only a broad outline, gives some impression of the planning and technical skill which have contributed to this project; some impression, also, of the extremely gratifying measure of enthusiasm and good-will with which it has been received in the community. That the project is a continuing one, already making a broad impact in cultural and educational fields, will be seen from Mrs Stephenson's and Mr Scobie's reports; not only are our museum visitors viewing the "Street" in quite exceptional numbers, but offers of gifts continue to come in almost daily.

A second project has been completed this year — also like "Centennial Street" previously reported on when only partly finished — and this the Logan Campbell Gallery has like "Centennial Street" required long periods of careful planning and involved a broad cross-section of the staff. Mr Bayliss planned a further 11 cases

to house the collections of silver and glass, studio pottery and enamels (mainly Mackelvie). The cases as the result of a special effort both by the contractors (R. M. S. Shopfitters Ltd.) and by our own staff, were ready by the time of the Centennial Conversazione. Mrs Brookes again contributed in large measure by preparing the numerous hand-written labels.

The generous grants available for the establishment of the Gallery have enabled Mr Bayliss to aim at the highest professional level of design and lighting; his internally-lighted pier cases on the middle balcony, especially designed for the display of glass, are of his own design, and it is believed quite new as a museum technique.

Since the completion of the Gallery Mr Bayliss has prepared a compact and liberally illustrated *Guide* to the European ceramics, and it is hoped that this will further assist the visitors by providing an

introduction to the collections in this section.

Time spent this year in the Hall of Botany has been necessarily a little broken: Mr Cappel was able to return to the Hall after the opening of "Centennial Street" at Milne & Choyce's on 15th August, 1966, but it was necessary for him to take up part-time work on the "Street" again early in the period covered by the present report; he worked full time on the "Street" from August, 1967, to the opening. He has, however, made much progress during the year with the panels on adaptation; in addition, he has experimented successfully with wet preparations and has installed several panels using this method.

Finally, mention should be made of the addition of a notable single item to the permanent display: this is the large goddess figure from Nukuoro (see back cover of Report), one of the world's outstanding works of the kind. Miss Davidson undertook to arrange for conservation measures and supervised the setting up of the figure at the entrance to the Hall of South Pacific Ethnology; later the figure will probably be incorporated in the displays in the Hall.

Exhibitions and Special Gallery Activities

Our contribution to the 1967 Festival was "Tea is a Ceremony"; organization was undertaken by Mr Bayliss and Mrs Brookes, and details, including full acknowledgements, are given below by Mr Bayliss. We were much indebted to the Tea Council which contributed generously towards the cost of the installations, and towards the exhibition guide and a follow-up leaflet descriptive of the exhibition (the latter, written by Jo Noble, appeared originally in the New Zealand Woman's Weekly). The exhibition was opened in the Lecture Hall on Monday, 8th May, by Professor D. Lancashire.

In addition, a second exhibition was contributed to the Festival, "Indian Art"; this comprised contemporary Indian paintings and a set of 18th Century miniatures, circulated by Air India from whose collection the exhibition had been selected. Mrs Brookes undertook all arrangements for the setting up of the exhibition in the Special

Exhibition Hall, and was assisted especially with the lighting arrangements by Mr Wadham. The official opening was performed on Friday, 12th May, by His Excellency the High Commissioner for India in New Zealand, Mr S. N. Chopra; refreshments at the opening, and the printed catalogue, were provided by Air India. It may be added that a member of the Festival Council of Management, Mr Frank Thorpy, was responsible for the original suggestion leading to the exhibition, and we were indebted to Mr Thorpy for much help throughout its establishment.

We also undertook during the 1967 Festival two series of Museum Festival tours: five of the Maori Court (Mr Fisher) and seven of the Applied Arts collections (Mr Bayliss). These aroused much interest, as indicated not only by satisfactory attendances (average for Mr Fisher's tours was 17, and for Mr Bayliss' 15), but also by the numerous enquiries subsequently received from those who participated.

Since the 1968 Festival — now altered to March-April — fell within the period of the present report, brief reference to this may be included here. We gladly accepted the suggestion, received from the Festival Council of Management, that we should sponsor the "1968 World Crafts Council Exhibition", a national event organized by the New Zealand Chapter, World Crafts Council. The 253 items (pottery, metal work, weaving, jewellery and other crafts), selected according to the rigid standards established by the Council, fully occupied our Lecture Hall; Mrs Brookes made general arrangements and prepared the overall design; while members of the World Crafts Council New Zealand Chapter provided the considerable working force required to establish and man the exhibition. Mr David Carson-Parker, Vice-President of the New Zealand Chapter, opened the exhibition at a function held on Monday, 25th March.

Additional special exhibitions this year were the annual Science Exhibition and the travelling exhibition depicting the loss in the 17th century of the Swedish warship "WASA"; the latter exhibition, circulated by the Royal Swedish Embassy, was shown in the Maritime Hall. Two smaller exhibitions were also held (see Mr Wadham's report).

This year we have to report under this general heading a new venture, the guided Gallery Tours arranged in the latter part of the summer school holiday period. It was felt that our numerous holiday visitors, and especially the many family parties always in the Museum at that time, would appreciate a brief introduction to some section of the exhibition halls. Details of the subject chosen, and some indication of the very gratifying interest aroused, are given by Mr Wadham who undertook overall arrangements for the tours. To the members of the staff who participated (Miss Goulding, Mr Bayliss, Mr Wadham, Mr Stephenson, Mr Wise and the Director) the Tours provided a most satisfactory means of making contact

with Museum visitors, and gave some food for thought in relation to plans for improvements to our permanent displays.

Field Work

While all departments have a range of activities to report, attention may be drawn to the two general surveys of native flora and fauna undertaken by members of our staff, which have progressed steadily during the past year as locality after locality has been systematically visited and explored: these are Dr Cooper's native plant survey covering the provincial area, and the joint project on invertebrate faunas of forest remnants in North Auckland by Dr Powell and Mr Wise (Dr Powell will be continuing with his part of the survey as one of several research projects). The Golden Kiwi Lottery grant received by Dr Cooper will enable him to continue for at least a further year, while Dr Powell and Mr Wise have received an increment to their Nuffield Grant of \$3,200, providing for further field work and processing. As field work has progressed, the problem of dealing with the accumulated collections has grown increasingly acute; however, each project has produced material of the greatest interest, and the collections made will continue to prove of value and interest as research goes forward.

Miss Davidson has reported fully on her Motutapu summer excavation, an ambitious and demanding project involving altogether 60 voluntary workers, and numerous problems of organization and transport. The excavation aroused much public interest, and produced highly satisfactory results both in data on houses, pits, etc., and in added experience on the part of the members of the University Archaeological Society and others who participated.

E. G. TURBOTT

Anthropology and Maori Studies Section

The section had a most satisfactory year for, due to a drive initiated by the Committee for new members, 36 were enrolled. This gain more than covered the resignations over the last few years and the membership now stands at 87. The infusion of new members also helped to increase the attendances at the monthly meetings so that altogether the Section regained its old vitality in 1967.

The following lectures were given: Dr A. B. Hooper, "How much did you pay for your wife? Anthropological Economics"; Mr L. Groube, "The Sociology of New Zealand Pre-history"; Rev. R. L. Challis, "The Continued Migration of Pacific Islanders to New Zealand"; Mr D. Walsh, "The Lexical Comparison of Polynesian Languages"; Professor A. A. Gerbrands, "Art and Artists in Asmat Society"; Mr P. Sharples, "Lookm Nowia Long Everysomething Field Work Belong Me Fella"; Dr R. Bulmer, "The Great Darkness. Cargo and Cataclysm in New Guinea".

In July Mr V. F. Fisher conducted members on a tour of the Maori Court describing its exhibits and explaining the part

played by the Museum in the life of the community.

Officers of the Section for 1967 were: Patron, Dr R. Green; Chaiman, Mr B. Pierce; Secretary, Miss R. Rowley; Committee: Dr R. Bulmer, Dr A. B. Hooper, Miss I. Hamilton, Messrs V. F. Fisher, L. Groube, R. Oppenheim, R. Scobie, R. Walker, J. T. Diamond; Hon. Auditor, Mr J. Prebble.

J. T. DIAMOND

Auckland Astronomical Society

This year has been an eventful one for the Society. At last the objective sought and struggled for over many years has been reached, and the Society now has a permanent home at the Auckland Observatory which must be the envy of all Astronomical Societies in New Zealand.

This year has also seen a gratifying increase in observing activity by an increasing number of members. Previously observing was carried out by only a few, and it is pleasing to think that the Society is now, through its members, making a worthwhile

contribution to astronomical knowledge.

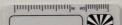
Flare Star observations are conducted by the Society in cooperation with other members of the Variable Star Section of the R.A.S.N.Z., which Section organises and directs these programmes in this country. In this programme we act as part of a worldwide network of observers under the general control of Commission 27 of the I.A.U. Observations are made in both visual and radio frequencies on selected stars during a certain period each two months. After local processing they are then compared on a world wide basis and final results are then published. The Auckland Observatory contributes visual observations only.

In addition the Society is now promoting public interest in astronomy by conducting public nights at the Observatory every Tuesday evening, as well as providing for groups of people on other nights of the week. In the educational field there are at

present two classes for school children and their parents.

Thus with school groups two nights per week, public nighone night, special groups usually at least once per week, and all the observing group activities the Observatory is being used very fully, which must be gratifying to the Donors who supported its establishment.

The monthly meetings have been well attended and enjoyed by those present, a wide range of topics being presented by the guest speakers. One special meeting was held when Dr Olin J. Eggen, present Director of the Mount Stromlo Observatory, who was visiting the country on the Kingdon-Tomlinson Memorial Lecture Tour, addressed the meeting on "Motions and Evolutions of the Stars".



In addition, an innovation has been meetings of the observing groups at special discussion evenings once a month at the Observatory. These have later been decreased in number as observing techniques have become better known, and the weather has improved.

Although 70 new members were elected during the year, and only three resignations were received, it was found necessary to remove the names of a number who had been unfinancial for a long period. The net result has been a practically static membership. At the moment the number of financial members is approximately 150.

D. C. FISHER

Conchology Section

The year 1967 was a year of steady growth and development for the Conchology Section. After the spectacular growth of the last four years—due, in no small measure, to the publicity attendant upon the previous Reunion and Exhibition— the Section has revised its Constitution and Rules and attempted to chart its future development.

Some of our deliberations have resulted in positive suggestions, for example, the new constitution and rules, while others, although very lengthy, have resulted only in proving the inadvisability at this time of a proposed course of action. In this latter category are the suggestions to change our name to "The Malacological Society of New Zealand", and to seek incorporation.

Regarding the change of name, a tentative proposal was circulated to our Patron, Life Members and other vitally interested persons. Their comments were carefully considered and we came to the conclusion that the present time is not opportune to proceed further with the proposal.

On the question of incorporation we are convinced that no good purpose would be served by the move. We are a section of the Institute and this ensures that matters covered by incorporation are provided for.

The younger members of the Section have again distinguished themselves academically at school and University. Masters Degrees with Honours in Zoology and Bachelors of Science degrees, are becoming quite common. Several are continuing their studies to the Ph.D level and we naturally expect them to play an ever increasing role in Section affairs. Their enthusiasm and success make us realise more than ever the great debt our section owes to our Founder and Patron, Dr Powell.

The Section has purchased a suitable binocular microscope for use by its members on a monthly loan basis. This instrument and a possibe second one will form part of the late Miss James Memorial Bequest.

Our monthly lectures covered a very wide field from "Molluscan evolution in relation to geological time", by Mr J. Grant-

Mackie, to "Porifera (Sponges)" by Dr Patricia R. Bergquist. Other speakers from amongst our own members included Dr Powell, Professor Morton and Dr Millar. Our thanks to all these busy people.

It is quite impossible to adequately thank all those who have contributed so much towards the success of our section during the past year. From our Patron downwards all have given generously of their time and energy and on members behalf we can only say "a thousand thanks".

> S. R. AYLING T. P. WARREN

Maritime Section

The Auckland Maritime Society (also Maritime Section of the Institute) continues to hold its regular monthly meeting in the lecture room of the Building Display Centre, Darby Street.

At the meetings during the past year the speakers have been mainly Society members and outside speakers have not had to be called upon on many occasions.

This in itself is a good thing and it is an indication of the knowledge of nautical history and maritime affairs that many of the members possess. The histories of shipping services out of Auckland, of coastal and United Kingdom services, ferry services and the development of shipping in New Zealand have all been subjects for research on the part of members.

Guest speakers who addressed the Society during the year included Mr David Reid, co-author of the book Paddle Wheels on the Wanganui, Captain R. H. Carter, the Auckland Harbourmaster, and Captain W. H. Raynes, a retired captain of the Northern Steamship Company.

Mr Allan Kirk's history of the Anchor Steamship Company, Anchor Ships and Anchor Men was published during the year and the manuscript of Steamer Express, his history of the Inter-island passenger steamer service, is in the hands of the publishers. The tragic disaster that occurred to the turbo-electric ferry Wahine on 10 April last has necessitated a rewriting of part of one chapter.

Members who have contributed articles to shipping journals in the past year have been Mr W. A. Laxon who continues to write most lucid and comprehensive histories of shipping companies for the English publication Sea Breezes, and Mr C. W. Hawkins and Mr C. A. Furniss, who both contributed articles on local shipping to the N.Z. Marine News, Mr R. E. Combes gave a lecture on Sunday afternoon, 21 July in the Museum Lecture Hall, his subject being "The Rise and Decline of Auckland Shipping". The Society has been the recipient of various articles of historic interest which have been donated by members of the public and the majority of these have been placed in the Museum. The

Society's library which is housed in the Museum has also been augmented by the gift of books.

It was very pleasing to the Society to hear the comments of the well known mariner and nautical historian, Mr Alan Viliers, when he visited the Maritime court at the Museum during his visit to Auckland in October last. He was favourably impressed with the Court and said that it was a credit to all concerned.

The Society had a membership at 31 March of 159 financial

members

The Officers of the Society are: Chairman, R. A. Carpenter; Secretary, R. M. Watt; Treasurer, N. A. Maffey; Committee: Messrs D. N. Brigham, C. W. Hawkins, A. A. Kirk, W. A. Laxon and A. P. Thompson.

Assistant Director

My present situation may be likened to the peeling of an onion, but without the shedding of tears. Last year, gratefully, I relinquished the responsibility for fishes and marine invertebrates, other than mollusca, to Mr Brett Stephenson, and on April the fourth last, my official retirement took place after 40 years on the staff as Conchologist and Paleontologist, including 32 years as Assistant Director. This now accounts for the removal of two more "onion skins"—those of Assistant Director and Editor, both of which are now in the hands of my colleague Dr Robert Cooper. Left with me are specialised projects in Mollusca, supervision of the maritime displays, maintenance of the philatelic collections, and a position on the advisory editorial committee for scientific publications.

In other words the above is my plate-full for an active retirement—the only kind I would find congenial, for I have often been asked "When are you going to retire?" and my reply has always been—"If retirement means doing just what you want to do, then I have always been retired".

After six months retirement leave, much of which I expect will be "business as usual", I shall be reappointed, but as Research Associate in Mollusca. My successor, Mr W. O. Cernohorsky, will assume the position of Conchologist in charge of the department. Mr Cernohorsky is a world authority on the family Mitridae, and department will thus in effect become a two man one.

The past year has been devoted largely to completing projects and putting the department in order for my successor. My private loan collection of Mollusca, over 75,000 species lots, and library of over 1000 volumes, remain in the department for joint use, and a practical division of the premises has been achieved, providing office and work quarters, each with direct access to the departmental library.

With the aid of a Nuffield Research Grant some time was spent in the field on a number of trips, concerned with distributional patterns of land snails in Northland. Also, in January last, an extensive field trip covering both islands was conducted primarily for the benefit of my sponsor of the turrid researches, Mr W. B. Dixon Stroud, of West Grove, Pennsylvania. Again, in February, further field trips were made to Northland for Dr D. F. McMichael, Director of the Australian Conservation Foundation Inc.; Dr Sutherland, a director of C.S.I.R.O., and Mr W. F. Ponder of the Dominion Museum, Wellington. Two weeks were spent at the Australian Museum, Sydney, sponsored by the Stroud Fund, for the purpose of reference to literature and material not available in New Zealand.

Publications included: a second part of the Turridae of the Indo-Pacific, a third part, now in the press; two papers in the last issue of our Museum Records, and a popular article on turrids for Australian Natural History. Editorial work during the year was concerned with the production of the Annual Report, the Records, and the Centennial History of the Auckland Institute and Museum.

Since this is my last report as Assistant Director I wish to thank the Museum Council; the Directors, both Sir Gilbert Archey and his successor Mr E. G. Turbott; as well as all my museum colleagues, for helping to make my long association with the Museum both a fruitful and a happy one. I relinquish this position with some regret upon the one hand, but with jubilation on the other, in that I can now devote my time almost exclusively to molluscan research.

My so-called retirement reminds me of a somewhat applicable limerick on the subject of relativity—

There was a young lady named Bright Who travelled much faster than light She departed one day in the relative way But came back on the previous night.

A. W. B. POWELL

Ethnologist

General work during the year has been directed to moving and cataloguing the collections. This task has been admirably undertaken by Mrs E. Warneford and Mrs P. Paterson on a partitime and honorary basis. Under the guidance of Mr V. F. Fisher activities of the Ethnology Department have been many and varied. Numerous lectures, visitors and requests for assistance were dealt with and visits made to outlying areas. The esteem in which Mr Fisher is held by the local community has been very evident. During the year he gave twenty-one lectures to various groups and conducted a number of informal talks in the Museum galleries.

Auckland Museum has very extensive collections of ethnographic material especially as it relates to New Zealand and the Pacific. Storing and care of these collections are, of course, an essential part of the task of any ethnologist. In the past only a few techniques have been available to deal with objects attacked by pests, before or after acquisition, or crumbling under the weight of years. In the last few years the development of plastics has led to many new substances being made available for permanent destruction of pests and fungus or for consolidating weakened objects. Many pieces in the Museum's large and extremely important collection of Maori carving and woodwork for instance have suffered from the ravages of time and pests. A similar situation has inevitably affected textiles, skins, leather, pottery and metal objects, In the next few months and years every effort will be made to apply these new techniques. Objects can never be made completely impervious to changes, but it is hoped we will be able to slow the rate. The provision of a conservation laboratory is to be the first step in this programme.

Increasing use is being made of the Museum collections by University staff and students, as well as by interested members of the general public. The development of closer co-operation between University and Museum in the field of Anthropologic despite physical separation, can have inestimable benefits for both.

Important accessions to the collections are noted in the general list. Many purchases have been made from the E. Earle Vaile Trust Fund. An outstanding deposit was the long-handled tomahawk Tunuiarangi placed on deposit by the Reverend Mutu Kapa of the Aupouri Tribe. It now joins the ancestral tewhatewha after which it was named, placed in this Museum in 1942 by Mrs J. Jary. Both of these items belonged to Te Houtaewa, an important chief of the Aupouri people in the early nineteenth century.

D. R. SIMMONS

Kia Ora Koutou Katoa

In writing a few words of farewell after 37 years at the Museum, many thoughts crowd into my mind, but only a few will find expression here. To tell the truth the work has been so interesting, varied and stimulating, that the years have been very rewarding, that has been said that "learning is one of the major pleasures". No thinking person would challenge this statement, but if the writer had included another major pleasure — encouraging others to learn — then these two statements would give the essence and spirit of museum service. With both these important facets of museum work I have been vitally concerned.

It is perfectly natural for an ethnologist to regard his work as being concerned with people. First, one has to try to under-

stand as much as possible of the cultures represented in the ethnographical collections and, second, to endeavour to interpret these collections, or some appropriate section of them, to people in the modern community, so that they have value and meaning. I have always considered the material objects to be as it were, alive, and possessing something, which for want of a better term we might call personality. The cumulative value of ethnographical collections cannot be overestimated. I recall with satisfaction the interest displayed by many a visitor seeking information, the gleam in the eye, the light in the face, as the appropriate material, with some verbal aid, was employed to illustrate a problem.

Nothing has pleased me more than to note, particularly in the last ten years, the growing interest of the Maori people in their own taonga (treasure). I therefore take this opportunity to say farewell to Maori friends throughout the province, who have sought advice and, in turn, taught me to appreciate more fully the true values of their culture. Kia ora koutou katoa.

It was my privilege to be actively connected with the Anthropology and Maori Studies Section from its formative years to the present day. Elsewhere, I have stressed the part it played in keeping anthropology in Auckland to the forefront. In particular I have appreciated my association with other bodies, which developed from, but was in truth merely an extension of the Museum's activities, such as the endeavours of AGMANZ to assist galleries and museums in many ways both large and small at the national level, and my association with the New Zealand Historic Places Trust.

Sometimes I have wondered if the community is fully aware of the rich heritage of Maori culture preserved in the Museum. To illustrate my own feeling, may I quote an incident at Te Kaha in 1965. While addressing a section of Te Whanau a Apanui on their own marae, I spoke of the famous Te Kaha carvings, long housed in the Museum. I expressed the opinion that they were not just the treasures of Te Kaha, the Museum and New Zealand, but that in a very real sense they were some of the world's treasures. And this applies to many other items in the Maori, or for that matter Oceanic, collections.

Although I think it unwise to mention colleagues who have guided, assisted and encouraged me throughout my service, I should like to pay tribute to one and all with whom it has been my privilege to work.

Almost the last thing I did before I finally retired was to walk the length of that grand cance — $Te\ Tokia-Tapiri$ — and so I bade farewell to the treasures that had been in my care. To me, Tokia-Tapiri symbolised something of the strength and power of the Museum itself in all its ramifications and so I am sure of the

future of the Auckland Museum, and I shall look forward with pleasure and interest to its ever-increasing *mana* in the community.

V. F. FISHER.

E. Earle Vaile Archaeologist

The collections of artifacts from archaeological sites have continued to grow, both as a result of donations, and from excavations carried out by the Museum. Two temporary assistants were engaged to assist in cleaning and cataloguing this material. Miss J. L. Fagan worked part time for four months in 1967 on material acquired up until that time. She also cleaned and checked the entire collection of human skeletal material. Miss J. Allo spent three weeks early in 1968 processing material acquired during the summer excavations at Motutapu.

The Museum has continued to provide a headquarters for work associated with the Archaeological Research Programme in Western Samoa. Dr R. C. Green, now of Bishop Museum, Honolulu, who directed the programme, visited Auckland in January and February to assist in the final assembling of reports, artifacts and illustrations.

Other visitors during the year included a graduate student from Toronto, M. Pietrusewski, who spent 6 weeks studying Tongan and other Polynesian skeletal material, and Miss W. Mumford, from the Australian National University, who spent a month recording Solomon Island and New Guinea adzes. In the absence of Mr Fisher, I also assisted another visitor, Dr A. A. Gerbrandts of Leiden who was examining Maori carvings.

A major undertaking was the conservation of a large wooden figure from Nukuoro now on display. The conservation process, which was lengthy and necessitated special equipment, was undertaken by Mr K. M. Peters, Technical Officer of the Anthropology Department, Auckland University, with my assistance, and proved most successful. The method can be used in the treatment of other wooden artifacts.

During the year I was elected President of the Auckland University Archaeological Society. I have also served a second term as secretary of the New Zealand Archaeological Association.

In January 1968 I attended the ANZAAS Conference in Christchurch and presented a paper on Polynesian and Micronesian Prehistory. At the same time I was able to study the Western Polynesian adzes in the Canterbury Museum.

During the year I have been able to visit the Otago and Dominion Museums for the same purpose. I also spent two weeks at the Alexander Turnbull Library working through documents relating to early 19th Century Samoa, as part of continuing research on Samoan archaeology.

Lectures were given to the Auckland Historical Society, the Hamilton Archaeological Group, the Wellington Archaeological Society and the Otago Anthropological Society. I also gave two lectures to Anthropology students at Otago University, and read a paper to the Graduate Seminar at the Anthropology Department, Auckland University. I recorded two talks on New Zealand Archaeology for radio, and participated in two brief television interviews.

The recording of archaeological sites is a constant concern, and with the continued threat of destruction of many important sites, requests for information, and for emergency investigations, are always coming in. Information on sites in various areas was supplied to the Ministry of Works and the New Zealand Historic Places Trust at their request, and information on sites on Crown land in some areas was also given to the Lands and Survey Department. This sort of information cannot be compiled by one individual, and I am grateful to people who report archaeological sites, or assist in recording them.

A number of single day field trips were made to record sites in the Auckland area including Te Akau, Whanaparoa, Maioro, Mangatawhiri, and Brown's Island. Members of the University Archaeological Society assisted during the latter three trips. Longer trips were made to Opito, to Waikato swamp pa, and to Kaikohe, where an extensive and unusual village site, now destroyed, was completely mapped.

The major piece of field work was, of course, the summer excavation at Mottuapu Island from December 16th to January 14th. A total of 60 individuals, mostly members of the University Archaeological Society, attended for varying periods, the work force ranging from 12 to 35 at any one time.

Two small undefended occupation sites were investigated, both providing a wealth of information about houses and storage pits, together with a number of artifacts, and an abundance of occupational debris in the form of bones and shell. The excavations on Motutapu were made possible by the co-operation of the Lands and Survey Department.

Preparing reports for publication is a continuing task which has to be fitted in between other activities. Most of my effort in this field has been devoted to reports on archaeological work in Western Samoa. A volume of reports on this subject, edited by Dr Green and myself, and including several papers written by myself, is now ready for publication. I have also devoted considerable time to a paper on another aspect of Samoan archaeology, now being finally revised. Progress has been slower on several other reports in hand.

JANET M. DAVIDSON

Curator, Colonial Section

"This year has seen the reopening, on October 19th, 1967, of "Centennial Street" in its permanent position in the Museum. The various sections of the work involved in the installation were widely divided among the Museum staff—especially Mr Cappel and Mrs Brookes—the staff of Milne and Choyce Ltd, Messrs Bryco Construction, Messrs Robinson and Hodges and Messrs T. S. Bishop Ltd. Special thanks are due to voluntary helpers: Lady Mackay, Mrs R. Manning and Mrs L. H. Briggs, Who helped with the final preparation of material for the displays; and in particular, to Miss O. Wynn-Williams who gave valued help throughout the project and continues to do so in an honorary capacity.

Grateful acknowledgement is also made to the following: Mr French of the Marine Department, whose generous help enabled us to furnish the oyster saloon; Messrs Robert Stone Ltd who removed the heavy cast iron base of the pillar box and carried out other adjustments to metal work as a contribution to the installation; Mr M. Roberts who made and donated the harness for the model horse above J. & A. Wiseman's shop; the Auckland Gas Company who assisted with street lamps and gas light fittings; Mr M. Wallace and Mrs D. Wallace who made the delightful dress worn by the assistant in the Misses Milne's shop; Mr Broady, of Arthur Broady and Co Ltd, who helped with the fireplace in the bedroom of the cottage; and Mrs J. Weir and Mrs C. Weir who provided needlework.

The "Street" has created a great deal of interest and large attendances have been recorded. Since the opening, numerous informal talks about the material on display have been given to groups of teachers and students, and many calls have been made on the reserve collection for specimens and information.

During the year, requests from various Societies for talks and assistance were met. For example, the Pukekohe Borough Council, who administer the Franklin Cottage, asked for help with cataloguing and identifying material and obtained a Queen Elizabeth II Arts Council grant to enable me to visit the Cottage and give advice.

In response to requests for loan material, Baron de Thierry's writing box was lent to the Historic Places Trust for display at Pompallier House; early fire fighting equipment was made available for a special exhibition at the Museum of Transport and Technology; and miscellaneous items were provided for Steele Telefilms Ltd, the Auckland Savings Bank, the North Shore Festival, Greenmeadows Intermediate School, Homai College, and the Mt Eden Centennial Committee.

A continuing task since the installation of the street has been the reorganization of the reserve collection, and the care and maintenance of the collection generally.

Notable accessions during the year included: several portraits and a collection of daguerreotypes of the Phillips family who came to the Matakana district in 1861, presented by Miss L. Phillips; a gold ring, which belonged to Mrs F. Ring, and is made from the first gold discovered at Coromandel, presented by Mrs T. A. Roehrs and Miss Peek; and a collection of early paint brushes, and an illustrated catalogue, presented by the Hamilton United Brush Co.

EDNA M. STEPHENSON

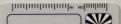
Botanist

Accessions during the year included 190 coloured lantern slides of native plants, 43 of people and places, and 12 boxes of negatives, photographed by the late Mr N. H. Good, mainly in the Waitakere Ranges, and presented by Mrs Good; 12 catalogues, dated from 1895 to 1916, of E. Morrison and Sons, Red Bluff Nursery, Warkworth, presented by Mr Athol Morrison; 12 models of alpine plants for the Botany Hall, prepared by Mr R. H. Riccalton, Canterbury Museum, Christchurch; and two fine boards of "wavy kauri", presented by Mr W. Berridge of Manurewa. Mr N. R. W. Thomas has given further letters and papers of Sir Algernon Thomas; Mr R. Gilmour has augmented the collection of fossil timber from excavations; Mr E. D. Hatch has provided additional colour slides of rare orchids; and Dr George R. Cooley of Rensselaerville, N.Y., again sent books and specimens for the Herbarium.

In the Hall of Botany, Mr L. J. Cappel installed two panels of alpine plants; two panels of plants from the salt marsh and mangrove swamp at Hobson Bay, Auckland; and an experimental panel of water plants. This exhibit, which will form part of a series on plant adaptation, was designed to test the preservation of botanical specimens in liquids and, for it, Mr Cappel constructed ingenious display containers of glass and plastic.

Fieldwork was continued with the aid of the Kiwi Lottery grant, and collections were made at a number of localities. It was a great pleasure to collect plants with Professor R. O. Belcher of East Michigan University, Dr R. M. Henderson of the Royal Botanic Garden, Edinburgh, and Dr Luciano Bernardi of the Jardin de Botanique, Geneva. Not only do their researches assist New Zealand botany, but the duplicates of their specimens add to the usefulness of our reference collection.

Mrs P, Hynes and Miss J. H. Goulding gave invaluable help in the Herbarium, but increased fieldwork has added to the large backlog of specimens awaiting identification, labelling and mounting. The Herbarium room is full, and it is difficult to accommodate visitors who wish to work there. Last year we applied to the Kiwi Lottery for a grant to install Compactus or moveable shelving, but



the Lottery cannot assist at present. A recent visitor, Professor David Gates of St Louis, advised that some herbaria overseas are installing moveable shelving to reduce the space occupied by storage cabinets and increase the area for research workers.

Other activities included: two lectures to Park Rangers of the Auckland Regional Authority; assisting Miss J. Dingley with a course in botany for horticulture apprentices; attendance at meetings of the Conservation Committee and the "1980 Countryside" conference of the N.Z. Institution of Engineers; and representing the Institute and Museum at the hearing of an application to open a quarry in Pukaki Crater, Mangere.

ROBERT COOPER

Entomologist

A further Nuffield Research Grant was received jointly by Dr A. W. B. Powell and myself, the amount being increased by \$3,200. This has provided for the employment of an entomological assistant, Miss J. Bertrand, as well as for field and laboratory expenses in connection with the project on the fauna of forest remnants in Northland. Several collecting trips in that area have yielded further large numbers of insects and many more have been extracted from plant/soil samples. This large volume of insect material creates problems in identification and recording but it provides an excellent basis for further studies and, most important, is a sample of the fauna of this particular time when forest remnants are still disappearing rapidly. As the material is sorted it will be made available to specialists for identification and eventually, together with other Museum material, will give a great deal of information on specific distribution, and enable changes in the fauna to be recorded.

Eight insect cabinets and three dozen insect storage boxes have been purchased under the Auckland Savings Bank Grant. Previously insects were pinned directly into cabinet drawers but under a new system they are pinned into trays fitting into drawers. All trays are interchangeable between drawers and all drawers between cabinets, giving a much easier and quicker method of re-arranging or expanding the collection.

Research work on Collembola (springtails) has continued, particularly on the faunas of Antarctica and the subantarctic islands. The Bernice P. Bishop Museum (Honolulu) Entomology Department has provided two grants for assistants on this work. Miss J. Cooper sorted and mounted extensive collections from South Georgia islands and elsewhere during November 1967-January 1968, while Mrs A. Bay has been appointed from March for almost three months.

Papers published during the last year are: "Collembola (Springtails)" (Entomology of Antarctica, Entomological Research Series 10, 1967), and joint papers, with A. V. Spain, on "Entomological

investigations in Antarctica, 1963-64 season" (Pacific Insects 9 (2), 1967), and with J. Shoup "Distribution of Collembola at Cape Hallett" (Entomology of Antarctica, Antarctic Research Series 10, 1967). Two papers were presented at the Annual Conference of the Entomological Society of New Zealand in Christchurch last May, and two at the 40th ANZAAS Congress in Christchurch in January.

A new project on the dispersal of butterflies in New Zealand has been started this year. It is known that various butterflies, such as the Blue Moon and Monarch, are blown from Australia to New Zealand at times, and also that the Monarch becomes widespread in New Zealand during the summer, apparently retreating to certain localities to overwinter in large swarms. With the help of several co-operators in various parts of the North Island small labels are being attached to the wings of Monarch butterflies, the labels being printed "Send to Auckland Museum" and numbered. By recording number, locality, and date when the butterflies are tagged, it is possible for us to find direction and distance covered for each butterfly that is recovered. One specimen released near Auckland was recovered at Waihi, approximately sixty miles away, while others have travelled lesser distances. Visits have been made to a northern over-wintering locality also, and specimens tagged there, so it is hoped that information on where the butterflies come from, and where they go after the winter, will gradually be accumulated. As a similar project is being carried out by the Australian Museum (Sydney) Entomology Department, further information on trans-Tasman dispersal may eventually be obtained.

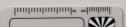
General inquiries, requests for lectures and for identifications, have been met as much as possible, and monthly meetings for amateurs have been continued.

K. A. J. WISE

Marine Biologist

Robert Boyle once said "It is highly dishonourable for a reasonable soul to live in so divinely built a mansion as the body she resides in, altogether unacquainted with the exquisite structure of it" and this context seems highly appropriate in summarizing the first full year of work in this department. Indeed, a great deal of time has been spent in rebottling, labelling and cataloguing the collections of marine specimens (other than Mollusca). Because nearly all material has required attention my acquaintance with the collections has been facilitated.

The lengthy programme of revision, and consciousness that this work will remain important over successive years, have stimulated investigation into two problems: the acquisition of suitable storage



containers and the use of preservatives. Full use has been made of the chemically inert and easily handled ethylene polymers as solids in storage tanks and as liquid preservatives. Increasing use of these materials is being made in institutions both in New Zealand and overseas.

The transfer of marine collections from the Conchology Department, where they were under Dr Powell's care, required the construction of suitable shelving in storage space allotted to this Department. Other work to improve facilities included the installation of hot and cold water and a stainless steel sink unit, and the repainting of the main office.

Lectures and field demonstrations to clubs and organized bodies have increased during the year. In general, these have been directed at younger audiences including the Museum's Extended Studies Field Club and various Auckland Junior Naturalist clubs. Education within the Museum has taken two forms, first in collaboration with Education Officers in the revision of teaching programmes and the preparation of a new display case for the School Loan Service, and secondly, in the renovation of a display case of lower marine animals. A special exhibit of New Zealand crabs was prepared and placed on loan in the Auckland University Biological Sciences Laboratory for the opening of the new Thomas Block

At a meeting of the New Zealand Underwater Association in July last year Dr W. J. Ballantine, Resident Biologist at the Auckland University Laboratories, Leigh, outlined some projects for underwater research. The response from divers was encouraging and a large scale underwater survey of fishes has been started. I have offered assistance, especially to identify and curate the material and results produced by the census. It is very interesting to note that nearly all material received from underwater collecting has come from habitats not normally explored, since they are either inaccessible to a trawler or cannot be collected by hand lines or hand nets. Underwater observations are showing that "rare material" is far more abundant than formerly thought.

Following field work during May of last year a report on the Cavalli group, concerning the nature and distribution of plants and animals, was prepared for the Hauraki Gulf Maritime Park Board. Several conferences were attended, including a symposium on conservation in the Marine Sciences Society Annual Meeting. The Marine Sciences Conference, held at the Oceanographic Institute, Wellington, was not only valuable because of the papers on current research, but gave me the opportunity to meet colleagues and to visit institutions in Wellington.

A. B. STEPHENSON

Curator of War Relics and European Applied Arts

The Applied Arts collection owes its existence to a continuing series of donations and deposits. Such names as Mackelvie, Dadley, Humphreys-Davies, White, Lushington, Bucknill, and many others have helped to build up the collection to its present position of second only to Melbourne in Australia and New Zealand.

However, this year an event occurred which overshadowed all previous donations, benefactions or deposits. Mr Charles Disney established a Trust for the purchase of applied arts objects. At today's values this ensures for the Museum's Applied Arts a capital sum of probably around \$100,000.

Mr Disney has tied very few strings to the Trust. His primary aim is to enable New Zealanders, especially young ones, to see art objects which at present they see only in books. The objects are for display and cover the European and Oriental fields in all the Applied Arts. The name Disney will come to mean to the Applied Arts in Auckland what Earle Vaile has meant to the Ethnological Collection. The purchases for the next few years will be mainly in the Oriental fields.

The Applied Arts displays visualised at present consist of (a) a Hall of Asian Art; (b) a Hall of English Furniture; and (c) a Gallery of European Applied Arts.

The Gallery of European Applied Arts has been completed this year. This gallery contains the collection of European ceramics, the glass collection, the English silver and old Sheffield Plate, the studio pottery and, for want of a better name, art objects including enamels, ivories, miniatures and small sculptures and carvings. These collections are based on several large collections, the White porcelain, the Bucknill glass, Mackelvie deposits in all fields, the Lushington, Cummins, and one large anonymous silver collection; and our own continued purchases. The construction of this gallery and the cost of the cases have been generously financed by the Sir John Logan Campbell Trust and consequently we have named it the "Logan Campbell Gallery".

It is hoped to commence the Asian Hall this year. The Hall will have, in addition to the main Chinese collection, the following separate sections—Japanese, Indian, Turkish, Persian, Tibetan, Thai and Korean.

The third hall, English Furniture, will have to await the removal of the New Zealand birds and construction of a new Bird Hall.

Festivals are always a busy time for display people in the Museum, and to departments concerned. Last year's Festival exhibition "Tea is a Ceremony" fell into our lap. The Tea Council were generous with funds and with a continuous supply of tea for all who wanted it. Nice to see people wandering around the

exhibition cup in hand. Much hitherto unseen material from the collection was displayed, such as 18th and 19th Century costumes from China, Russia and England. The Japan Society weighed in with Japanese costumes and a live Tea Ceremony for the opening while appropriately, the Tibetan tableau came complete from Sir Edmund and Lady Hillary. Perhaps Betty Brookes' "swaggie" stole the show, complete with Lindsay's toeless fishing socks.

Accessions have continued during the year. An important collection of Oriental ceramics has arrived on permanent loan from the Victoria and Albert Museum, London. This has been mainly due to the interest of Mr Robert Charleston, Keeper of Ceramics and Glass. He continues to purchase ceramics for us, diverts gifts superfluous to the Victoria and Albert Museum, and in the future will help to build up our glass collection.

The Keeper of Textiles in the Victoria and Albert Museum has offered to purchase for us in London a collection of Persian rugs. I hope to begin this in the coming year so that a reasonable

collection will be ready for the furniture hall.

The Auckland Potters' Association continues to purchase pottery and deposit it with us. When we commissioned Len Castle to buy \$100 worth of Mingei pottery in Japan for us they did the same, so that today we have a fine representative collection of Japanese pottery. The Museum has installed all the studio pottery not on display in a study room and this is available to all potters and students for study, as well as being the Potters' meeting place. Helen Mason has also deposited with us her very fine collection.

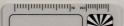
A guide booklet to the European Ceramics is in the printer's hands. It contains a general explanation with a case by case description and 23 illustrations, five of which are in colour.

Mrs W. Horton generously continues to assist with cataloguing and any other departmental work.

T. J. BAYLISS

Librarian

Every year when the time comes to prepare the Annual Report, the problem arises as to which and how many of the Library's activities, and in particular, its acquisitions, can be reported in the space allotted. This year is no exception, and of interesting additions to the Library there seem to be even more than usual. So many of the Institute members, as well as many others, have again given books, photographs, manuscripts, etc. that in most cases, it is impossible to do more than list the names of donors. However, since this Library is becoming known more and more as a library for historical research, with its ever-growing collection of New Zealand manuscript material, this year it is intended to concentrate mainly on the acquisitions to the manuscript collection. We are greatly indebted to the people who give or deposit their



family or other papers in the Library, or lend them for copying, and so make them available for research. We should, therefore, like to make special mention of just a few of the collections which have been added to the Library.

The oldest item received was the Account Book of the Keri Keri Store for 1826-1829, presented by Mrs G. V. Devereux. This is in good condition, and is full of interesting information.

The papers of the late Mr C. J. Tunks were presented by his daughter, Miss E. Tunks, and include letters and documents concerning organizations with which he was connected, in particular, the St John Ambulance, of which he was Assistant Commissioner. The papers cover the period 1913-1920.

An unusual item, which was received on deposit, but which will ultimately become the property of the Library, is a collection of letters written by Lionel Johns, a young Aucklander who served in the Royal New Zealand Air Force during the Second World War, and who was killed in an aircraft accident in England. The letters form a continuous and detailed record of a serviceman's life in camp in New Zealand, in training in Canada, and on active service in England, and is the only collection of its kind in the Library. The letters were deposited by his parents, Mr and Mrs L. J. Johns.

Another unusual collection came from Mr N. R. W. Thomas. Mr Thomas has over the years presented to the library a great many of the papers of his father, Sir Algernon Thomas, but this collection consists of documents relating to the Picturedrome, Milford, from 1941 to 1965. Included are programmes, and a complete record of attendances, takings, wages, etc.

Sir Douglas Robb presented his collection of personal letters and other papers, covering the period 1932 to 1967. This is a major acquisition, and includes papers relating to the University of Auckland, the University of New Zealand, the Medical Research Council and other organizations with which he was concerned.

From Mr G. D. H. Grant, of East Tamaki, was received a large collection of documents which belonged to his grandfather, the Rev. Gideon Smales. Many of the letters in the collection are from early Wesleyan missionaries, written from 1839 to the late 1850s. There are also letters in Maori, and other interesting documents of various kinds.

Mr G. B. Wilson has presented letters, documents, photographs etc. concerning the Wilson family and the Wilson Portland Cement Company.

These are some of the larger or more unusual additions to the Manuscript Collection, and although individual mention has not been made of all which have been presented, this does not mean that there are not many other items received of value and interest, and to all the donors we express sincere thanks.

While it is not our intention this year to highlight donations other than manuscripts, there is one person we should like to mention who has for many years been a most generous friend to this library, and has again this past year presented material to us. This is Mr P. A. Lawlor of Wellington who this year has given a number of New Zealand periodicals. His long-standing goodwill to this library is greatly appreciated. And one other gift we should like to record. Our Director, Mr E. G. Turbott, presented a copy of his widely acclaimed edition of Buller's Birds.

1196 books were catalogued during the year. Many more were received, but time was not available to catalogue them.

The Photograph Collection continues to receive extensive use, and a great deal of time is spent in arranging to have copies made not only for our own members, but also for people in other parts of New Zealand and overseas. Mrs Mogford is in charge of the cataloguing of the collection and, as more phot-graphs are catalogued, the usefulness of the collection and the demands for copies increase.

In fact, the year has seen an increase in the use of all the library's services: 6367 items were borrowed by members, and 519 by other libraries; 3656 people have used the main stack room, and 2682 the New Zealand Collection.

Once again there are those to whom thanks are due for assistance given in an honorary capacity. Both Mrs Mogford and Mrs Spear, although employed on a part-time basis, have every week worked several extra hours. Miss Joan Caughey has continued to make typescripts of some of our old and valuable—and sometimes almost illegible—manuscripts. This is a service which will be of lasting value to research workers. Mrs Beverley Laing and Mrs Joan Hunter have both given valued assistance. To all these people who have given so willingly and generously of their time, the Library owes a debt of gratitude.

For several months, Mr Lai Huat of Brunei worked in the Library to gain experience before returning as Librarian of the Brunei Museum. Although he was here to learn, he also helped in many ways.

We are also most grateful to the Auckland Savings Bank for grants totalling \$2,600 for furniture and equipment.

In addition to the donors mentioned above, we wish to express our thanks to the following persons for donations of various kinds: Lady Mackenzie, Sir Gilbert Archey, Hon. T. Bloodworth, Surgeon-Captain McPhail, Dr Armstrong, Dr G. R. Cooley, Dr J. C. Dacre, Dr C. A. Fleming, Dr M. S. Palmer, Dr A. W. B. Powell, Rev. A. C. Whitelaw, Messrs. A. M. Alexander, C. Alldritt, C. Bennett, S. G. Brooker, H. J. R. Brown, J. B. Burns, W. E. R. Crick, H. Crowley, J. T. Diamond, J. A. Drury, F. A. Eustace, V. F. Fisher, P. Forster, G. M. Fowlds, A. George, W. Heap,

C. P. Hutchinson, M. Ihle, R. F. Keam, A. A. Kirk, J. J. Longville, H. G. McGowan, R. Mackay, T. Mather, G. Moonen, R. Moynihan, B. Muir, Nuttall, N. F. Oram, C. J. Parr, W. Parsonage, N. J. Peacocke, A. T. Pycroft, R. G. Scott, B. F. Shepherd, A. J. W. Sims, E. S. Stubbs, A. G. Walker, J. Wadham, R. H. Ward, T. C. Ward, A. Wells, S. G. Whitley, C. T. Wright, Mrs E. Barker, Mrs D. Beavis, Mrs R. M. Davison, Mrs R. Field, Mrs L. C. Gibson, Mrs M. Glacken, Mrs N. H. Good, Mrs M. B. Greenbie, Mrs E. M. Logan, Mrs W. Macdonald, Mrs F. Mackenzie, Mrs D. A. Martin, Mrs L. S. Montgomerie, Mrs N. Sharpe, Mrs K. Shawcross, Mrs R. S. Simmonds, Mrs Stuart, Mrs A. Sutherland, Mrs M. A. Walker, Mrs J. C. Young, Misses G. A. Challaner, J. Dingley, J. Goodall, M. Hoyle, F. Kelly, M. King, McQueen, D. Mowat, L. Phillips, B. Smith, I. Smytheman, E. Whitelaw, estate of the late A. H. Greet, estate of the late E. H. Rhodes, Alexander Turnbull Library, Auckland Maritime Society, Australian Museum, National Archives and Helensville Borough Council.

ENID A. EVANS

Extension Service

There has been a steady demand for the Extension Service displays, and kitset cases have been supplied to Putaruru Borough Council, Hobson County Council, and to Edgecumbe College through a request from Whakatane County Council. Tongariro National Park Board have also been supplied with two displays to go into their new Information Centre at Ohakune. To enable displays to be placed in these new locations, five new panels have been made by Mrs Brookes and myself. Much assistance in the preparation of these was given by Mr Turbott, Dr Powell, Dr Cooper and Miss Davidson. The new titles are: "The Black-backed Gull", "Toheroa and Scallops", "Ferns of the Waimarino Forest", "Edible Shellfish", and "Making a Stone Adze".

Exhibitions supplied by the Museum included: a display of birds taken to Helensville for Mrs Wagener, who was addressing a regional meeting of the Women's Division of Federated Farmers; a display mounted at the Ngatea A & P Show; a set of photographs of old costumes and of kauri milling, lent to the Thames Public Library for their Centennial celebrations; and a series of Maori wood carvings, selected by Mr Simmons to illustrate the development of carving from the time of the introduction of steel tools, taken to Te Kuiti for their Arts Festival.

Popular publications issued during the year were two leaflets of The First Settlement of New Zealand, by Miss Davidson; and Stars of Summers, by Mr McIntosh, A new edition of South Sea Folk, by Sir Gilbert Archey, and a reprint of Native Animals of New Zealand, by Dr A. W. B. Powell, have also been printed.

The Sunday Lectures were held between June 10th and July 23rd, and thanks are due to the following speakers who helped to make these lectures a success: Mr A. G. W. Sparrow, "The Story of Photography"; Councillor G. F. H. Forsyth, "The Judaha Battle"; Mr R. A. McIntosh, "Moving Out into Space"; Mr R. St Barbe Baker, "Plant Trees for Your Lives"; Mr J. Stacpoole, "Early Auckland Buildings and their Architects"; Mr R. E. Combes, "The Development and Decline of Auckland Shipping". Average attendance at the lectures was 75. The series was opened by selected films from the fourth ANZAAS exhibition; these were shown on June 10th and 11th, and were of exceptionally high standard, attracting large audiences.

The Extended Studies Classes were again held, with Mr Cadman and Mr van der Meijden assisting as instructors. As in the past, these classes included much practical work and several field trips were made.

As an experiment, Guided Tours of the Galleries were instituted for two weeks of January. These tours, taken by six members of the staff, proved popular and the numbers attending increased in the second week until they reached embarrassing proportions, particularly in the Bird Hall where Mr Turbott was almost submerged at times. Topics were: New Zealand Birds; Oriental Art; English Pottery and Porcelain; Faces of Man (Sculptures and Figurines); New Zealand Trees; Evolution of Life; The Ancient Culture of the Maori; Fish and other Life in the Sea. When these tours were planned it was expected that most attendances would be of a parent with a child or children, and it was surprising to note the large numbers of adults who came, particularly to the "English Pottery and Porcelain", "New Zealand Trees" and "Maori Culture" tours. Altogether 595 people attended (226 in the first week and 369 in the second week), many coming back on several days in order to take tours in which they were especially interested.

This year has been unusual in that two Festivals have been held. For the May 1967 Festival, two exhibitions, "Tea is a Ceremony", and "Indian Art", were set up, while in the February 1968 Festival the 1968 World Craft Council Exhibition was staged. Other exhibitions during the year were: "Photographs of the Parthenon", "The Wasa", and paintings by children on "The impact of European culture on the Maori" (the last sponsored by the Auckland Historical Society).

I acted as liaison officer with the Post-Primary Science Teachers' Association in connection with their Annual School Science Exhibition, held in the Lecture Hall from 18th to 28th August 1967. The standard of the children's work was very impressive and the exhibition drew a constant stream of visitors.

J. H. WADHAM

Planetarium Lecturer

The planetarium, now in its ninth year of operation, continues to attract the attention of the public, with attendances now totalling 258,451. During the past 12 months 12,587 have attended demonstrations

A total of 2,946 children came in school groups this year and about double that number came with their parents. The children, with their keen interest in space these days, are the most important section of our work and the publication of a syllabus of special lectures for schools by Mr R. A. Scobie, in control of school visits, has resulted in greater selectivity, the schools being able to specify the topics they desire the children to attend.

To use a planetarium projector to the full somewhat limits the range of lectures possible, the machine being able to illustrate only the solar system and the stars we can see with our unaided eyes, giving a choice of about a dozen topics in the year. In the past year, however, the planetarium has begun reaching out into space, using slides to overcome the limitations of the machine and these have been most favourably received. Particularly popular has been the lecture entitled "Life of a Star", which describes one of the most modern aspects of cosmology. Further similar topics are under preparation, entitled "Unusual Stars", "Exploring Space", and "Sun and Planets". As knowledge grows, earlier talks are revised and kept up to date.

During the year the lecturer gave one of the Sunday Lectures in the Museum.

R. A. McINTOSH

School Service

Summary of Attendances for one-hour lessons:

Primary, 44,079; Intermediate, 6,555; Secondary, 5,679; Total, 56,313.

Student Teachers on Section: Primary, 99; Secondary, 6; Total, 105. Number in visiting Student-Teacher Classes: 387.

Schools regularly receiving loan material: City, 75; Provincial, 390; Total, 465.

An increase in attendances from 40,000 to 56,000, or forty per cent, is a significant increase both numerically and relatively. Occurring, as it does, at a time when student-teacher assistance is no longer continuous throughout each term, this is no mean achievement. It has been made possible only through the active participation of parents working in association with the class teachers. Full credit is due to Mr Cadman for his patience in helping those who help themselves, and for his programming to accommodate these special types of lessons. With the opening

of Centennial Street, his ingenuity is certain to be further tested in the coming year. A similar problem faces the staff in the annual course of social studies for secondary schools, where requests again exceeded the capacity of the present organization.

The loan service year has been a vigorous one. As 1967 and 1968 are the end years of a six-year cycle, every endeavour is being made to improve the balance in the subject matter in the catalogue of displays before the beginning of the next period. In this respect, ten exhibits have been completed, a set of new topics has been planned and a list of displays in heavy demand, has been compiled for making repeat cases. Consideration has been given to devising a method of better protecting the bird specimens being sent to the schools. On the distribution side, a forward step has been the transportation of displays, through the good services of the Otorohanga County Council, to remote schools in its area. The adoption of this method by other local bodies could be the means of reaching isolated schools in other regions where communications are not good.

On the professional side, pride of place is given to the experiment of holding an in-service course for six senior teachers who spent a week familiarising themselves with the Museum and its educational practices. As a method of teachers comprehending the museum attitude to education, its techniques, and in turn of transferring this knowledge to their colleagues, it is to be hoped that this course will become a permanent feature. Another field of interest operating in depth, resulted from the liaison with the Auckland Headmasters' Association in its extension course which was held in the Museum and was attended by some 150 educationalists. In the didactic sphere, considerable attention has been devoted to developing visual material to support displays of particular value to the children.

With the retirement of Mr V. F. Fisher, Museum Ethnologist, this department thanks him most warmly for his co-operation and help throughout the years of its existence.

RICHARD A. SCOBIE

List of Benefactions

made to the

Auckland Institute and Museum

of an amount (or value) exceeding \$100 (£50).

MONETARY GIFTS

- 1876 Auckland Citizens: £2,026 subscribed towards first building.
- 1878 Mr. J. C. Firth donated £106 for show cases.
- 1884 Mr. Edw. Costley bequeathed £12,150.
- 1887 Mr. David Nathan bequeathed £100
- 1897 Mr. T. Russell donated £100 for geological specimens.
- Auckland Citizens subscribed £1,000 for Mair Collection.
 Mr. E. A. Mackechnie bequeathed £2,500.
- 1906 Auckland Citizens subscribed £662 for carved houses.
- 1911 Auckland Citizens subscribed £684 for ancient carvings.
- 1913 Sir John Logan Campbell bequeathed £1,000.
- 1921 Institute Members subscribed £115 for Temple Bronzes.
- 1923 Sir Wm. H. Herries bequeathed £1,000.
- 1924 Citizens subscribed £698 for Maori collections.
 1925 Institute Members subscribed £100 for Maori collection.
- 1926 Sir James Gunson Presentation Committee presented £118 for Maori collection. Mr. David Goldie bequeathed £1,000.
- 1927 Mr. F. Shaw bequeathed £1,000.
- 1929 Mr. S. J. Ambury bequeathed £250.
- 1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.
- 1940 Mr. Maurice Harding bequeathed £500.
- 1941 Mr. Ormsby Gore Adams bequeathed £100
- 1942 Mr. J. A. Pond bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.
- 1944 Mr. E. Earle Vaile gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.
 - Mr. R. C. Horton gave £200 towards extending the mineral collection.
 - Sir Albert and Lady Ellis gave £150 for Library book-cases. £428 received on account of a bequest by Mr. C. V. Houghton. Mitchelson Prize Fund increased to £100.
- 1945 Mrs. Bertha Wilson gave £2,000 as an endowment for Cinematography.
 - Auckland Savings Bank gave £500 for improvements to Exhibition Halls.
 - Auckland Electric Power Board gave £100.
 - Mr. R. C. Horton gave £70 for purchase of Georgian Silver Tea Set.
 - Sir Cecil Leys and Lieutenant T. H. Leys, R.N.Z.N., gave £500 for purchase of ethnographical specimens.
- 1946 Mr. E. Earle Vaile: Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.

1947	Auckland Savings Bank Centennial Gift of £5,000. Mr. A. V. Hanson bequest of approximately £2,000.
1948	Mr. E. P. Mitchelson, bequest of £1,000.
1950	Mrs. Sarah Ann Powley, bequest of £171. Sir Cecil Leys bequeathed £1,000.
1951	Mrs. Bertha Wilson gave £1,000 endowment for photography.
1952	Mr. James C. Entrican: Bequest of £1,000 for numismatics.
1954	Captain G. A. Humphreys-Davies: Bequest of £500. Sir Albert Ellis, C.M.G.: Bequest of £100.
1956	Sir Alexander Johnstone, O.B.E., Q.C.: Bequest of £500. Sir William Goodfellow: £100 for early English ceramics. Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.
1960	Auckland Savings Bank gave £500 to furnish the Cheeseman Herbarium. A Member gave £75 towards furnishing the Herbarium. Mr. W. B. Dixon Stroud gave £142 towards equipping and furnishing the Marine Zoology store and study rooms. £1000 received from an Institute Member to extend popular science publications.
1961	Sir William Goodfellow: 2250 towards purchase of van; £150 for purchase of porcelain. Mr. L. J. Ayre: bequeathed £552 Auckland Savings Bank gave £500 for equipping the children's hobbies room. Mr. H. J. Atkinson: bequeathed £655. Dr. J. A. Clinch: bequeathed £500. Anonymous: £500 for the memorial halls. Miss E. L. Hellaby: £100 for the memorial halls. Institute Member: £200 for exhibition halls. Sir James Fletcher and colleague firms: Materials for equipping hobbles' room and staff room.
1962	Mr. H. D. Buddle: bequeathed £1,000 and many books. Sir John Logan Campbell Trust: £2.40 grant for display hall. Miss E. L. Hellaby: £100 for memorial halls. Mr. John Seabrook: £250 for micro-film reader. Mr. W. B. Dixon Stroud: \$6,000 for Dr. Powell's molluscan research.
1963	Messrs. E. A. Astley and Sons: £100. Miss C. A. Atkinson: bequeathed £53/14/2. Auckland Savings Bank: £5,000 for new exhibition halls. Sir John Logan Campbell Trust: £4,000 for new Hall of Ornithology. Sir William Goodfellow: £100. Miss E. L. Hellaby: £100 for memorial halls.
1964	Miss E. L. Hellaby: donation of £100. Miss Josephine McClymont: donation of £200. Sir John Logan Campbell Trust: £2,500 for exhibition hall. Auckland Savings Bank: £2,000; administrative area, finishing. Auckland Lions' Club: £116 for display case.

1965

Auckland Savings Bank: £2,000 for Maritime Hall.
Mr W. H. Cocker, C.M.G.: bequeathed £100 for show-case to
house collection of sake bottles and snuff bottles.
Miss E. L. Hellaby: donation of £100.
Mr S. Kilppel: bequeathed £250.

Mr J. A. Stacey: donation of £100. Mr W. B. Dixon Stroud: \$4,000 for Dr. Powell's molluscan research.

1966 Auckland Maritime Society: £200 towards purchase of Lloyd's Register of Shipping

Auckland Savings Bank: £2,000 for exhibition halls. Sir John Logan Campbell Trust: £2,000 for lighting in exhibi-

tion halls. Mrs E. E. Fraser: bequeathed £2,619

Miss E. L. Hellaby: donation of £100.
Mr C. V. Houghton residuary estate: £627.
£200 received on account of a bequest by Mr W. T. King. Mrs J. McLennan: bequeathed £1,000 as an endowment for visual aids equipment for school service.

1967 Auckland Savings Bank: £1,000 for entomological cabinets and equipment. Sir John Logan Campbell Trust: £1,050 to commission portrait

of Sir Winston Churchill by Edward Halliday. Miss E. L. Donald: bequeathed £500.

Miss E. L. Hellaby: donation of £100. Mr W. T. King: £955 as residue of bequest. Mr C. E. Disney: established the Disney Art Trust of £54,483,

to enable Dominion Museum, Wellington, and this Museum to obtain Applied Arts material (particularly Oriental and European Applied Arts)

Milne and Choyce Ltd.: The installation "Centennial Street", on the occasion of the firm's centenary; capital cost £8,300.

Auckland Savings Bank: \$4,000 for Library furnishings, exhi-1968 bition hall lighting and numismatic displays.

SPECIMENS AND BOOKS.

- 1876 Mr. R. C. Barstow: Large collection of Maori articles.
- 1876 Mr. R. C. Barstow: Large collection of Maori articles.
 1877 Mr. G. F. Edmonston: 554 volumes of scientific works.
 1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.
 1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection.
 1887 Mr. C. O. Davis: Valuable Maori collection.
 1910 Mr. L. D. Nathan: Jananese Shinto Shrine.
 1913 Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hon.
- Sir Edwin Mitchelson: Valuable Kauri Gum collection
- Dr. C. E. R. Bucknill: Collection of Old English Glass. 1915
- Mr. Henry Shaw: Collection of Japanese art. 1916 1917
- Miss Ruth Northcroft: Large Maori and Polynesian Collection The Misses Yates: Collection of Indian weapons. 1919
- 1920
- Mr. James Dunning: Collection of North American Mammals Mr. W. A. Aldred: Valuable collection of Maori specimens. Hon. J. B. Turner: Important Fijian ethnographical collection 1921
- Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Herbarium of native and foreign plants.
 Mr. Wm. Sutherland: Melanesian ethnographical collection. 1923
- 1924 Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection.
 - Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.

- 1925 Mr. F. Crossley Mappin: Valuable Maori and South Pacific exhibits
- 1926 Mr. Geo. F. Webster: Valuable Maori antiquities. Mr. H. R. Butcher: Collection of British coins.
 Mrs. E. M. Ball: The Thos. Ball Zoological collection.
 - Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- Mr. F. Crossley Mappin: Valuable Maori carvings 1927 Mr. Moss Davis: Valuable ethnograpical specimens.
- 1928 Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box.
 - Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
 - Mr. Harry Kinder: The Dr. Kinder Collection-Maori and Melanesian.
 - Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
- Mrs. S. J. Lushington: Large collection of mollusca.
- Mr. T. H. Barstow: Maori canoe prows and stern posts. Mr. W. R. McGregor: New Ireland carved memorial figures. Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collec-1929 tion of mollusca.
 - Rev. W. H. Webster: Large collection of mollusca Mr. C. E. Clarke: Large collection of N.Z. Insects.
 - Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts. Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.
- Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities: additions to the Dr. T. W. Leys collection. Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain
 - Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.
- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes. Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium
- 1935 Mr. F. Crossley Mappin: Maori Specimens, including handsomely carved sternpost

The Admiralty: Model of H.M.S. New Zealand.

1936	Captain G. Humphreys-Davies: Large and valuable collection
	of Chinese pottery figures. Mrs. T. G. Russell: 235
	volumes of chemical and physical works from the library
	of her father, the late Professor Brown, Mr. E. Earle
	Vaile: Valuable Maori hei-tiki and Rapa Island stone
	artifacts. The Estate of the late H. E. Vaile: Maori and
	Polynesian ethnographical collection; carvings and

- 1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.
- 1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley
- Mappin: Early Chinese Pottery and Bronzes.

 1939 Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. ie B. Tomlin: Gift of early Worcester china and early works on natural
- history, Mr. W. Goodfellow: Large Melanesian collection.

 1941 Mr. H. R. Jenkins: Historic anchor associated with the ill-fated H.M.S. Bounty. Mrs. T. G. Russell: 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
 - Mr. Ormsby Gore Adams bequeathed cinema camera, photographic equipment and nature films.
- 1942 Mrs. A. A. Richardson: The late Mr. J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
 - Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 Captain G. A. Humphreys-Davies: His extensive and valuable collection of Chinese arts. Mr. E. Earle Vaile: Large collection of books and pamphlets on exploration and early life in the South Pacific. Mrs. W. H. Hemingway: The late Mr. Hemingway's display and cabinet collections of insects. Colonel the Hon. F. Waite, D.S.O., M.L.C.: Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemate periods.
- 1944 Mrs. B. Quigley and Miss E. Kenderdine: Large number of books on early New Zealand history. Mr. E. Earle Valle: Collection of works on South Pacific exploration and New Zealand history. Captain G. A. Humphreys-Davies: Ancient Chinese bronze sculpture. Mr. J. C. Entrican: Large collection of Eastern Polynesian stone implements.
- 1945 Mr. W. G. White: A valuable very representative collection of Worcester and Chelsea China. Mr. E. Earle Valle: Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund: Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
 - Mr. Jas. C. Entrican: Gave his extensive collection of medals and coins and library of books on Numismatics.

Mr. Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.

Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellicoe's racing 14-footer "Iron Duke."

- 1948 Sir Frank Mappin: 16mm Cine-sound projector.
- 1949 Mr. and Mrs. J. Yock: Old English sterling silver salver.
- 1950 Mrs. J. P. Campbell: Eighteenth century inlaid sideboard. Mr. Wm. Goodfellow: Delft vase and other early ceramics. Mr. V. J. Larner: Early china and delft vase.
- 1951 Mrs. Goldie: Twenty portraits of Maoris by the late Mr. C. F. Goldie.
 - Rev. Harry Johnson: Extensive collection of native arts and crafts from Tanganyika. Rev. Charles Palmer: Melanesian ethnographical collection;
 - Rev. Charles Palmer: Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.
 Mr. W. J. Crowther: Selected examples of English porcelain
 - Mr. W. J. Crowther: Selected examples of English porcelain and eighteenth century silver plate.
- 1952 Mr. E. Earle Vaile: Selected early works on discovery and exploration in the Pacific. Sir Frank Mappin: Eighteenth century silver and Sheffleld
 - plate.

 New Zealand Insurance Company: Suite of large cabinets and
 - library furniture.

 Mr. William Goodfellow: Three Maori portraits by Lindauer.
 - Sir Carrick Robertson: Collection of Zulu ornaments. Lieut-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection from Tikopia.
 - Miss W. S. Dudley and Miss Jean Robertson: Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.
- 1954 Mrs. Robert Cooper: Collection of botanical books and bookcases.
 - Sir Frank Mappin: William and Mary walnut cabinet and early seventeenth century chairs.
 - Mrs. P. Sklenars: Model of four-masted barque "Pamir" made by her father, Mr. W. S. Nelson.
- 1955 Dr. J. A. Clinch: English silver and Sheffield plate. Sir Ernest and Lady Davis: Portrait of Sir Edmund Hillary, K.B.E. Mrs. A. M. Ferguson, O.B.E.: Mapri and Oceanic
 - Mrs. A. M. Ferguson, O.B.E.: Maori and Oceanic ethnographical collection.
 Mr. C. Roose: Set of 2000 charts of the Pacific.
 - Mr. G. J. H. Ovenden: Full set of publications of Palestine
 Exploration Fund.

 Wellcome Museum Trustees: extensive selection of ethno-
- logical specimens.

 1956 Miss E. Blumhardt: Large set of her paintings of native
- flowers.

 The Misses C. M. and I. F. Stewart: Collection of Maori
 - greenstone ornaments and weapons.
 Sir Ernest Davis: Portrait of H.M. the Queen.
- Mr. John Pybus: Five moa skeletons from Waitomo district.

 1958

 Rev. Canon Hubert Jones: Sets of English West-County history.

43

	and inlay cabinet.
	Dr. Marjorie Young: Collection of ethnographical specimens from New Guinea highlands.
	Sir Frank Mappin: English eighteenth century mahogany bureau-secretaire.
1960	Farmers Trading Company's Jubilee gift of a Spitz Planetarium with full range of accessories, the planetarium building and furnishings.
	Sir Ernest Davis: Portrait of Lord Freyberg. Sir Frank Mappin: Two oil paintings for council room and exhibition hall.
	Mr. L. J. Ayre: Extensive philatelic collection and a monetary bequest.
	Miss Lina V. Bruce: 18th century north country spinning wheel.
	Mrs. Susan Payne: libiury cabinets, philatelic and ethnographical collections.
1961	Mr. Leo White: Series of coloured wall display photographs of Auckland.
	Auckland Citizen: Portrait of His Excellency the Governor- General.
	Northern Steamship Company: Builder's model of "Whaka- tere" and "Manaia".
4000	Union Steamship Company: Builder's model of "Ormonde".
1962	Mrs. Blanche Halcombe: books, collections of native birds and thnological articles.
	Sir Ernest Davis: large model sailing ship. Mrs. E. E. Goodhue: collection of Northland greenstone ornaments.
	Miss M. F. Hoole: bequeathed a Sheraton sofa table. Dr. and Mrs. J. L. Newman: large Chinese silk and gold embroidery.
	The Countess of Orford: Water colour drawing of Auckland by J. C. Hoyte.
	Mrs. G. R. S. Fisher: Notable examples of early English- Continental lace.
1963	Sir John Logan Campbell Trust: Library furnishings. Mr. W. Kingsley: collection of books on Naval history. Mr. E. F. Hilton: large collection of shells including rare species; Northern Australia and Tropical Pacific.
1964	Miss J. Winifred Shaw: Chinese lacquered work-table. Sir James Gunson: silver model of first War Memorial building.
	Mr. L. Alfred Eady: early Collard piano. Mr. Peter A. N. Nathan: Chinese carved screen.
	Mr. Lacy K. Neilson: Maori carved pataka base.
	Mr. A. D. W. Walcott: Merlin air engine. New Zealand Insurance Company: Board-room tables, chairs and book-cases.
	Mr. C. W. Hawkins: Models of Auckland sailing ships. Mr. H. R. W. Thomas: Set of book-shelves.
	Mr. C. A. Gordon: Bequest of several thousand books.
	Mr. R. B. Sibson: Descourtilz, Ornithologie Bresilienne. Mr. E. J. Mitchelson: Dressing table of New Zealand woods.
	Mrs. Doris Gordon and Miss Gladys Holman: Drawings by John Johnson, first Colonial surgeon.
	Mr. W. H. Cocker, C.M.G.: collections of Japanese sake bottles and snuff bottles and £100 for show-case.

Mrs. R. Rose: English Sheraton Cabinet and Japanese lacquer

1965	Mr. P. A. Lawlor: Walpole collection: books and pamphlets. Mr. James Pascoe: Two Dresden vases.
	Lady Richmond, Mrs. H. Kinder, Mr. P. B. Phillips: nin paintings of vessels of the Craig Line.
	Mr. J. F. Stewart: Tokipoutangata, mere pounamu and kotiate

Auckland City Council: Collection of three-dimensional items formerly part of the Old Colonists Museum. 1966 1967

Mr Noel Cole: Portrait of Sir Peter Buck (Te Rangi Hiroa). Mr V. C. Cooper: Collection of New Zealand and Australian stamps.

Lady Mappin: Georgian ball gown
Mappin: Collection of E

Easy wappin: Georgian ball gown.
Sir Frank Mappin: Collection of European arms and armour, and oak dining table.
Royal New Zealand Navy: Model of H.M.N.Z.S. "Royalist", ship's book and other relics of H.M.S. "Philomel".

1968 Mr. R. W. W. Archer: Set of New Zealand coins for each year Mr. R. W. W. Archer: Set of New Zealand coins for each year of issue up to 1965.
Auckland Studio Potters: Collection of Japanese pottery, and two studio pots by Michael Cardew.
Mr. C. E. Disney: Turkish plate.
Mrs. Helen Mason: Collection of studio pottery.
Mr. D. MacAlister: Collection of Staffordshire pottery.

ACCESSIONS 1967-68

Achilles Association: Plaque—HMNZS "ACHILLES".

Mrs A. Allingham: Galvanised tub.

Anonymous: Pair of flax sandals (paraerae), greenstone heitiki.

Mr R. W. W. Archer: Set of New Zealand coins for each year of issue up to 1965

Mr F. W. Arnold: Scales.

Mrs A. P. Arthur: Brass mortar and pestle.

Mr J. D. Atkinson: Copper ornament with silver decoration; Persia.

Auckland Gas Company Ltd: Street gas lamp, cast iron umbrella and hat Auckland Gist Company Ltd: Sirect gas sainty, east for uninvented and stand, collection of gas light fittings.

Mrs F. M. Barton: Flax kit ornamented with kiwi feathers; Wanganui River,
Mr H. S. Barton: Two blades of patu tuna; Mangatangi.

Professor Paul Beadle: Wine jar in form of centaur and two beakers

by Alex Leckie.

Mr A. K. Beeche: Wooden washing board.

The late Mr Albert Beer: Ethnographical specimens.

Misses B. M. and M. F. Bell: Workbox, table writing desk, spittoon, Misses B. M. and M. F. Bell: WORKOX, table withing desk, spituoon, framed sampler.

Mr W. Berridge: Two boards of wavy kauri.

Mr A. W. Blundell: Soda syphon.

Mr I. Boyd: Pack saddle, horse collar hames, four pieces of harness,

horse collar

horse collar.

Mr C. F. Brent: Stoneware whisky jug.

Mrs D. M. Brice: Charcoal iron.

Mrs L. H. Briggs: Collection of doll's furniture.

Andrew Broady & Company Ltd: Cast iron fireplace.

Mrs Betty Brookes: Teapot, teacup and saucer by Lucy Rie.

Dr R. N. H. Bulmer: Masai milking gourd; Africa.

other specimens; Central New Guinea Highlands.

J. R. Butland Ltd: Old Lea & Perrin's sauce bottle.

Mrs I. G. Butt: Three tortoise shells, Japanese lacquer box.

Mr D. Calvert: Bayonet; Kerikeri Inlet.

Mrs L. A. Calwell: A Paper Nautilus shell (Argonauta nodosa); Ninety

A. Calwell: A Paper Nautilus shell (Argonauta nodosa); Ninety Mile Beach.

Mr T. Cartwright: Two German war helmets.

Mr Altony J. Churton: Silver parrot, musical bird box, whistling boy.
J. P. Coats Ltd: Two Nineteenth Century showcards.
Miss H. E. Cohn: Pair of lady's black leather shoes.
Miss J. Coles: Wedding dress, child's shoes, child's dress and jacket,

cigarette holder, purse, greeting cards.

Mr David Cooke: Chinese Portuguese Armorial saucer; Faience Plate, Germany.

Miss L. Cooper: Lustre jug, china mug.

Miss F. Coster: Two card cases, porcelain figure, vase, jug.

Mrs A. Coulson: Parasol, macrame bag, miser's purse, feather box, two sashes, ostrich feathers, plush tie, sachet, two silk handkerchiefs, mantle drape, collection of materials, two plush table covers, knife box, butter pats, balance, two corkscrews, knife and fork, wall lamp. collection of lace cuffs and collars, scrapbook and book marks, carved wall bracket, child's coat, wooden money box, sidesaddle stirrup, two tins of knife polish, two pairs spectacles, two fans, beaded front, collection of crochet and needlework, three shelf drapes (macrame), three aprons, three plush antimacassers, silk antimacassers, plush teacosy, two nightdress cases.

Mr Coxhead: Stone adze; Waitakaruru.

Mr B. Crawshaw: Ship's lantern, candle lamp, candle box, wooden match box, brass candlestick, tinder box, early petrol lamp, oil lamp, kerosene lamp, tapers in tin container, argand lamp, carriage lamp.

Miss A. F. Donne: Two beaded bags. Mr C. E. Dymond: Five carved wooden figures and nine other ethno-graphical specimens; Nigeria.

graphicut specianes, sugeria.

Miss D. Edwards: Leather bound ledger book, collection of trinkets.

Miss O. M. Edwards: Wooden butter church

Miss A. England: Embroidered white Ilien bedspread, Christening gown,

Maltese lace bodice, gloves, petticoat, ebony walking stick.

Mr F. J. Ewart: Clip with five cartridges used by Turkish Army; Germany.

Water bottle (1895 issue); England.

Mrs C. F. Farquharson: Bedroom basin, jug and toothbrush holder, three C. F. Farquinason: Bedroom bash, jug and toothorush noticer, three waistcoats, lace scarf, gill seal and watch key, watch chain, collapsible bustle, velvet bodice, black apron, silk scarf, child's bonnet, lacquer box, alabaster box, linen sheet, tablecloth, towel, pillow cases, pillow shams, fichu, corset, collection of bookmarks and envelopes, wedding dress and shoes, hand mirror. Mr E. L. Fen: Thirty fans.

MT E. L. Fen: Initiv tans.

MF Frank Finan: Seven figures, ten pots, mould; Jalisco, New Mexico.

Miss N. M. Fleet: Two books — "Tales from Shakespeare" by Charles

Lamb and "American Notes" by Dickens.

MR R. Gilmour: Three specimens of fossil timber from drainage tunnels;

Papakura Mrs N. H. Good: 190 hand-coloured lantern slides of native plants.

Messrs Grahame and Liddington: Stone adze; Mill Bay.

Miss E. Grant: Hand made quilt.

Miss H. Grant: Glass rolling pin.
Mr Pat Green: Collection of sheep shears and shearers' hand pieces.

Hamilton United Brush Company: Collection of early paint brushes and Illustrated Catalogue.

Mrs J. Harley. Part of a doll's Wedgwood dinner service, four glass dishes, glass jug, wine bottle and two tumblers.

Mr R. R. Harvey: Accommodation plan of Clipper ship "AFRICA", 1860.

Mr E. D. Hatch: Coloured slides of rare orchids.

Mr W. J. Hawkins: Tang tomb guardian figure; China. Miss E. L. Hellaby Estate: Lace scarf, crochet trimmed tablecloth, wool crochet square, Dutch lace bonnet, four hair combs, scrapbook, eight

pattern books.

Mr R. A. Henderson: Blue pottery jar.

Mr R. C. H. Hensen: Shoe horn, two horn drinking cups.

Mr and Mrs G. B. Hickey: Japanese ceremonial sword; Kyoto.

Miss Hoare: Wooden board knife cleaner.

Mr T. J. Hosking: Nest of fernbird and two negatives of fernbirds at nest;

Turangi.

Mrs Humphrey: Handkerchief with lace border. Mrs G. W. Hutchinson: Candle lantern, coffee grinder. Mrs Jefcoate-Harbutt: Pair of lady's patterned stockings.

Mr C. H. Jemison: Two Bibles.
Mrs I. Jenson, Octave flute or piccolo.
Mrs Kirker: Child's dress and petticoat.

Mr G. C. Laird: Mottled kauri desk.

Mr Lawson: Fragment of inscribed clay brick; Sumer

MIS A. Leaby: Broken adze, core, hammer stone; Oue Pa, Duder's Beach. Stone adze; Taylor's Hill, Auckland.
Miss A. Leighton: Collection of baby's and doll's clothing, ivory purse, thumb Bible, almanac, two Victoria toys, tapestry cushion cover, portrait of James Frances Leighton.

portrait of James Frances Leighton.

Mrs E. M. Lennon and Mrs M. Grudnoff: Butter churn, wooden butter bowl, iron kettle, butter pats, butter stamp, wooden doll, earthenware crock, two jars, silk petticoat, velvet hat, spectacle case and spectacles. Mrs A. Lewis: Two hanging kerosene lamps, gas light.

Misses L. and C. Lloyd: Maori material; Anawhata District.

Mr David McAlister: Nine pieces of pottery; England.

Mrs I. M. McDell: A piupiu; New Zealand. Mr John MacDonald: Bristol wine glass; England.

Mrs J. A. McInnes: Bottle of Rimmel's lavender water.

ay family: Two watercolours of the brigantine "DEFIANCE" and "NORTHERN CHIEF". Mackay family:

Mackelvie Trust: Isnik plate; Turkey. Ming white plate, China. Lady Mackenzie: Two books.

Lady Mackelize. Two Gooks.
Miss Anna MacLeod: Hand-knitted quilt.
Mr H. P. McLeod: Long ko; Helensville. Iron implement; New Zealand.
Mrs McQueen: Wooden shoe trees.
Lady Mappin: Wedding dress, quilted petticoat, mittens and wig; England.

Mr Ray Markham: Iron trade axe; Kerikeri.

Mrs Denis Marsh: Japanese cord holders. Mrs Helen Mason: Thirty-three pieces of studio pottery, two books on pottery

Mrs D. Masters and Mr J. Masters: Gourd, New Zealand. Mr N. V. Matthews: *Ketu* or *kumara* weeder; Kaitaia. *Kava* bowl, Fiji. Mrs J. Medland: Four Maori artifacts; Great Barrier Island.

Mrs K. Meyer: Tool fashioned from the upper palate of the Spotted Eagle Ray; Apia, Somoa. Doris Monheimer Estate: Fifteen pieces of pottery; European and New

Zealand

L. S. Montgomerie: Hair brooch, lacquer workbox, lace cape, two baby's bonnets, paper knife, chatelaine, two fans, framed pencil Mrs L. sketch, silk handkerchiefs, mosaic brooch, two studs, two brooches, grouse foot, stamp sachet

Mr Athol Morrison: Twelve catalogues of E. Morrison & Sons Red Bluff

Orchard.

Mr Adam Ngatai: Large stone adze; New Zealand. Mr R. W. Numan: Stone Buddha; Indonesia. Mr E. G. O'Dowd: Staffordshire ornament.

Old Contemptibles Association: Banners of Auckland Branch.

Mrs W. Panther: Three glass beer bottles, one Wolfe's Schnapps bottle.

Mr G. Parkinson: Two stone demijohns, kauri table desk.

Mr and Mrs P. R. Parr: Pair of bellows.

Mrs J. D. Partridge: Sovereign case.

Mrs E. B. Paterson: Two pairs of spurs.

Mr C. Peace: Letterbox.

Mr W. E. Pearson: Skin of polecat; Whitford.

Mrs W. H. Pellow: Rag mat, made for "Centennial Street" by donor.

Mrs M. A. Peters: Wooden bottle opener.

Miss L. Phillips: Seven daguerreotypes, wax silhouette, miniature, two silhouettes, four framed photographs, watercolour portrait, three oil portraits, sword, framed pencil sketch, four Wedgwood majolica plates, three oil plate, three photograph albums, pattern for sampler, three books, "The World in Miniature" 32 volumes, two jelly moulds, china mug, pot pourri jar, ivory fan, pair of decanters, pewter coffee pot, hot water jug, lacquer workbox.

Mr S. Pollard: Matchbox and fusee match, hair watch chain and match box fob.

Dr A. W. B. Powell: Piano stool, two gentleman's pocket watches, stone-ware whisky jug, matchbox made from two New Guinea beans, metal matchbox, two tokens, Invoice—R. W. Dyson, 1872.

Mr D. B. Prime: Hinaki waharua or double-entrance eel trap; Pukekohe.

Mrs Quigley: Chatelaine.

Miss Maureen C. Raymond: Captain Cook Medal.

Reckitt & Colman N.Z. Ltd: Collection of labels and showcards.

Mrs K. Redstone: Pewter salt cellar, doll's teapot, cup and saucer, snuff-No. Redistone: rewer sait centar, don's teapor, cup and saucer, sumbox, box of Prices tapers, collection of plates, bowls, cups and saucers, two marmalade jars, doll's iron, sheepskin muff, collection of baby's clothing, Parian figure, Blue and White meat plate, Staffordshire dog, six Staffordshire figure groups

Mrs Ridings: Copy of "Daily Southern Cross" newspaper. River Plate Veterans Association: Original drawing by L. McNicol com-memorative of the Battle of the River Plate. Mrs A. G. Roberts: Housewife containing linen threads, wool and needles,

two pairs of black cotton stockings. Mr Rockell: Collection of stone adzes and other archaeological material;

Waimate North

Mrs T. A. Roehrs: Gold ring.

Mrs A. Ross: Pair of silver napkin rings. Rothmans (N.Z.) Ltd: Two plugs of tobacco.

Roulmans (18.2.) Lui: Iwo paigs of todacco.

George Rowney & Company Lid: Nintetenth century colour box.

Royal New Zealand Navy: Box made from timber removed from the

Captain's cabin, HMNZS "ACHILLES". Ship's bell of HMNZS "ACHILLES"

Miss O. M. Rutherford: Purse

H. A. Scott & Company Ltd: Compass and balance, steam whistle, two broadaxes, ship's log, canvas oil bag, whaling harpoon head, collection of shipwright's augers, cane hoops.

Mr John Seabrook: Portrait of Sir Peter Buck.

Mr John Seations: Portian of 30 Feed Buck.
Mr J. Shimmin: Volunteer Long Service medal.
Mr T. Shoebridge: Three bayonets.
Mrs F. C. M. Shortt: Valentine, handbag, collection of embroidery silks, F. C. M. S family Bible.

family Bible.
Mr Simpson: Blade of whaling implement.
Mrs E, Slattery: Mongoose.
Miss C, Smeaton White: Pair of pipes carved by a Maori boy on Gallipoli for Major D, White, T.D.
Master D, Smith: Stone adze. Onehunga.
Mr H. A. Smith: Revolver; Belgium.
Mrs J. C. Smith: Dressing case, lady's leather purse, two moustache cups, steppospan and nictures. ciear holder, two sovereigns, snuffbox, apron.

stereoscope and pictures, cigar holder, two sovereigns, snuffbox, apron. Mr W. Richard Smith: Opossum.
Mr S. W. Stace: Mouse of abnormal coloration.
Mr J. Stacpoole: Brass ewer, two brushes.

Mrs Grace Stephenson: Greenstone pectoral cross Frank Stevens Ltd: Two flagon carboys, hanging carboy.

Mrs M. Stevens: Pair of vases. Mrs F. W. Taplin: Framed facsimile "A Christmas Card from our boys in Egypt".

Mrs J. N. Tattersfield: Collection of pewter tankards and measures.

Mrs Taylor: Dress naval uniform.

The Treasury, New Zealand Government: Three sets of souvenir coins issued to mark the changeover to decimal currency on 10 July, 1967. Mr N. R. W. Thomas: Letter from Professor Treub to Sir Algernon Thomas, manuscript of an address, German field telephone and map of section

of Gallipoli.

of Gallipoli.

Mr W. S. Thompson: Flint and steel firelighting equipment.

Miss M. Thompson: Plaid, marcella quilt, teapot, purses, trinket box, three watches, glove stretchers, card case, shaving mug, Christening robe, petticoat and veil, tidy, doll's needle case.

Mr Sydney Thorpy: Collection of Inca pottery pieces; Peru.

Mrs H. D. Tillson: Small ivory folding ruler.

Miss E. Tunks: Three paintings, invalid's feeding cup, Bentwood shop chair, cream satin wedding dress and veil, collection of clothing, feather boa, bedroom jug and basin, soap dish, toothbrush holder, flask, plate of fur, small greenstone helitiki.

Mrs E. G. Turbott: Lace fichu, Mexican glass vase.

University of South Florida: One hundred dried plants. Mrs J. Vaughan: Music box doll.

Mr H. J. Verran: British Infantry sword.

Victoria and Albert Museum: Thirteen pieces of ceramics

Waiuku Museum Society: Cart saddle, saddle, collection of harness, earthenware demijohn

Miss F. Walker Estate: Pink silk dress, letter from Sir George Grey. Mr M. Wallace and Mrs D. Wallace: Reproduction of a dress of 1866.

Whangarei Museum: Bullock yoke, crosscut saw, pair of climbing irons as used by kauri gum collectors. Mrs D. Warr: Ostrich feather cape

Mr Koert Wegman: Apple and potato peeler.

Mr A. O. Wiggins: Greenstone pendant.

Mr S. Winger: Pit saw.
Mr C. D. Woodhead: Clip of cartridges, belt buckle, photographs and maps relating to 1914-18 War.
Miss M. Woolloxall: Book "The Royal Path of Life" 1882, silver card

Miss F. Wray: Mediaeval jug. Miss O. Wynn-Williams: Pair of silver glove stretchers, lantern. Miss O. Wynn.-Williams. Pair of silver glove stretchers, lantern. Storm-driven, accidentally killed and caged birds. Auckland Acclimatisation Society, Auckland Zoological Park, Mr D. Bell, Mr L. Benton, Mrs M. W. Black, Mr R. H. Blanshard, Mr W. Browne, Mrs E. J. Burrows, Mr A. Claire, Mr R. Donaldson, Mrs R. G. Fisher, Mr P. Fletcher, Mr D. Gravatt, Mr D. Haddon, Mr D. Harding, Mr H. Harvey, Miss N. Holgate, Department of Internal Affairs, Mr J. A. F. Jenkins, Mr B. King, Mr J. Lees, Mr G. Leitch, Mr H. R. McKenzie, Mr J. Mazey, Mr G. J. H. Moon, Mr G. E. Munn, Mr B. Peterson, Miss M. Pethybridge, Mr H. Powell, Miss E. Power, Mr H. Preston, Mrs D. Prickett, Mr J. Prior, Queen Victoria School, Mr D. Schot, Mr S. Stephenson, Mr B. D. Thekpenny, Mrs J. Williams, Mr W. Williamson, Mr B. R. Wilson.

Staff Publications

April 1967 to March 1968

Scientific

- ARCHEY, GILBERT, 1967.-Maori Wood Sculpture: the Human Head and Face. Records of the Auckland Institute and Museum 6(3): 229-250.
- COOPER, R. C. Mile Beach, PER, R. C., 1967.—Ipomoea pes-caprae (Convolvulaceae) on Ninety Mile Beach, New Zealand. Records of the Auckland Institute and Museum 6(3): 171-174.
- VIDSON, JANET M., 1967.—An Archaeological Assemblage of Simple Fish-hooks from Nukuoro Atoll. *Journal of the Polynesian* Society 76(2): 177-196.
 - 1967.—Archaeology on Coral Atolls. In Polynesian Culture History: Essays in Honour of Kenneth P. Emory. Bernice P. Bishop Museum Special Publication 56, pp. 363-375.

 1967.—Midden Analysis and the Economic Approach in New Zealand Archaeology. Records of the Auckland Institute and Museum 6(3):
- 203-228. 1967.—Preliminary Archaeological Investigations on Ponape and other Eastern Caroline Islands. *Micronesica* 3: 81-95.

- DAVIDSON, JANET M., 1968.—A Nukuoro Image in the Auckland Museum. Journal of the Polynesian Society 77(1).
- DAVIDSON, JANET M., GREEN, R. C., BUIST, A. G., and PETERS, K. M., 1967.—Additional Radiocarbon Dates for Western Polynesia. Journal of the Polynesian Society 76(2): 223-230.
- GREEN, ROGER C., GREEN, KAYE, RAPPAPORT, ANN and DAVID-SON, JANET M., 1967.—Archaeology on the Island of Mo'orea, French Polynesia. Anthropological Papers of the American Museum of Natural History, New York. 51(2): 111-230, pl. 17-24.
- Oyukuda History, Rew Fork. 31(2): 111-230, pl. 17-24.
 POWELL, A. W. B., 1967.—New Zealand Molluscan Systematics, with descriptions of New Species; Part 6. Records of the Auckland Institute and Museum 6(3): 185-196.
 1967.—Mollusca of the Kermadec Islands; Part 2. Records of the Auckland Institute and Museum 6(3): 197-200.
 1967.—The Family Turridae in the Indo-Pacific, Part 1a. The Subfamily Turrinae concluded. In Indo-Pacific Mollusca 1(7): 409-456. Academy of Natural Sciences, Philadelphia.
- TURBOTT, E. G.
- FALLA, R. A., SIBSON, R. B. and TURBOTT, E. G., 1967.—A Field Guide to the Birds of New Zealand and Outlying Islands. (U.S. edition) Houghton Mifflin Co. 254pp. illus 1967.—Buller's Birds of New Zealand: a New Edition . . . edited and brought up to date by E. G. Turbott. Whitcombe and Tombs. 261pp.
- E, K. A. J., 1967.—Collembola (Springtails). In Antarctica. Antarctic Research Series 10: 123-148. In Entomology of
- WISE, K. A. J. and SHOUP, J., 1967.—Distribution of Collembola at Cape
 Hallett. In Entomology of Antarctica. Antarctic Research Series 10: 325-330.
- WISE, K. A. J. and SPAIN, A. V., 1967.—Entomological Investigations in Antarctica, 1963-64 season. *Pacific Insects* 9(2): 271-293.

General

- ARCHEY, GILBERT, 1967.—South Sea Folk. Auckland War Memorial Museum Handbook of Maori and Oceanic Ethnology. Third edition (revised). 74pp. illus.
- BAYLISS, T. J., 1967.—Tea is a Ceremony. Auckland Festival 1967 Exhibition Guide. 16pp. illus.
- COOPER, ROBERT, 1967.—Art Galleries and Museums. In New Zealand Local Authorities Year Book. Second edition: 1967, pp. 11-15.
- DAVIDSON, JANET M., 1967.—The First Settlement of New Zealand. Auckland War Memorial Museum Leaflet No. 11. 8pp. illus.
- McINTOSH, R. A., 1967.—Stars of Summer. Auckland War Memorial Museum Leaflet No. 12, 8pp. illus.
- STEPHENSON, EDNA M., 1968.—Additions. 15pp. (to Centennial Street 1866. Auckland War Memorial Museum Handbook of Colonial Collections.)

AUCKLAND INSTITUTE AND MUSEUM

INCOME AND EXPENDITURE ACCOUNT for the Year Ended 31st March 1968

EXPENDITU	RE	1968	1967	INCOME	1968	1967
Salaries and Wages Superannuation	94,6 3,4	53	83,898 4,354	Contributions from Local Authorities — Metropolitan and Provincial Statutory 114,000 Provincial Voluntary 4,421		104,804
		98,078	88,252	Trovincial voluntary 4,421		_
Administration Expenses —					118,421	109,308
Audit Fee	2		1.014	Subscriptions — Life Members' 398		504
	1,0	27	192	Life Members' 398 Annual 3,737		3,610
Freight and Cartage		56	230			
General Heating, Lighting and Water	2,8		1,422 2.828		4,135	4,11
Insurance	7	13	536	Donations —		
Postages, Telephones and Intercom. Printing and Stationery	2,3	17	1,692 1,562	Donation Box 1,189 Special 119		1,12 2,53
Staff Removal	5	14	_			_
Travelling	8	17	964		1,308	3,658
		11,164	10,662	Interest —		
Preservation and Display —				Trusts 1,482 General Endowments 1,590		1,48
Preservation Materials	3		224	Local Authority and Government Stock 804		1,91
Preparation and Taxidermy Extension Service	1.6		1,482	Term Deposit, Bank of New Zealand 2,032 Rent and Interest, Receiver of Land		2,11
Special Exhibitions	1,0	79	1.062	Revenue 27		21
Photography	3	08	276	AND RESIDENCE OF THE PARTY OF T	5,935	7.10
		3,963	3,492		3,333	7,10
Institute —				Income from Sales and Services — Coffee Lounge, net 44		570
Expenses	1.6		1,440	Information Desk 1,541		2,04
Subscriptions written off	2	35	246	Planetarium 943 Guided Tours 48		99
				Guided Tours 48 Publications 464		3
				Miscellaneous 53		54
		1.933	1.686		3,093	3,18

Building Building transferred to Bui	Iding	Main.	5,955		5,178
tenance Provision	Julia		2,045		2,822
Electrical fittings			==-		882
Equipment and General			536		470
Showcases and Furniture			574		346
Specimens			106		220
				9,216	9,918
offee Lounge, net loss nauthorised Expenditure—				_	1,718
Entertainment, etc				292	140
alance transferred to Approp	riation	1 A/c.		8,246	11,498
salance transferred to Approp	riatio	1 A/C.		132.892 \$	

\$132,892 \$127,366

APPROPRIATION ACCOUNT For the Year Ended 31 March 1968

Capital Expenditure from Revenue Capital Expenditure from Reserves Capital Expenditure from Fusts Capital Expenditure from Fusts Life Members' Subscription Endowment Building Maintenance Provision Publications Reserve Edward Earle Valle Endowment Balance carried down	5,833 97 398 464	1967 \$ 11,668 35,618 198 504 5,238 34 994 717	Balance as at 1 April Balance from Income and Expenditure Account Transfer from Auckland Savings Bank Grant L. J. Ayre, Philately below the Comment of the C	1968 \$ 717 8,246 2,530 97 2,916 — 388 — 427	1967 \$128 11,498 3,558 198 6,272 369 5,238 24,392 1,292 1,026
			", ", Property		994
	\$15,321	\$54,971	\$15	15,321	\$54,971

STATEMENT OF

TRUSTS; SPECIFIC AND GENERAL ENDOWMENTS; RESERVES, GIFTS, GRANTS AND PROVISIONS

Description	Capital Balance 1/4/67	ne Balance 1/4/67 Cr	Interest	Other Receipts	Total Income	Payments	Detail	Dr	Income Balance 31/3/68 Cr	Capital Balance 31/3/68	Total Balance
TRUSTS Accumulating Endowment H. G. Atkinson—Research L. J. Ayre—Philately J. C. Entrican—Numismatics Mackechnie—Library Mackechnie—Library Mitchelson Prize Mitchelson Prize Museum Endowment	1,450.48 1,478.48 1,777.92 2,000.00 4,000.00 2,000.00 200.00 28,232.44	259.83 471.72 270.08 175.00 71.31	76.15 77.62 93.34 105.00 210.00 105.00 10.50 1,482.20	21.73	76.15 337.45 115.07 576.72 480.08 280.00 81.81 1,482.20	97.43	Appn A/c		337.45 17.64 576.72 480.08 280.00 81.81	1,526.63 1,478.48 1,777.92 2,000.00 4,000.00 2,000.00 400.00 28,232.44	1,526.63 1,815.93 1,795.56 2,576.72 4,480.08 2,280.00 481.81 28,232.44
Pond Cheesemen Bequest — Commemoration Prize Sir Carrick Robertson—Research Edward Earle Vaile —	290.00 1,200.00	50.90 274.78	15.23 63.00		66.13 337.78	49.06			66.13 288.72	290.00 1,200.00	356.13 1,488.72
Ethnology, Library Bertha Wilson—Cinematography Bertha Wilson—Photography	243,075.35 4,000.00 2,000.00	9,441.92 1,178.21 105.00	7,321.03 210.00 105.00	6,138.42	22,901.37 1,388.21 210.00	15,314.75 29.08			7,586.62 1,388.21 180.92	243,075.35 4,000.00 2,000.00	250,661.97 5,388.21 2,180.92
	291,704.67	12,298.75	9,874.07	6,360.15	28,332.97	16,972.52			11,284.30	291,980.82	303,265.12
GENERAL ENDOWMENTS Costley Bequest Houghton Bequest Life Members' Subscriptions	15,400.00 1,435.48 14,958.64		770.00 71.77 747.93	398.00	770.00 71.77 1,145.93	770.00 459.69 747.93	I & E A/c Appn A/c I & E A/c			15,400.00 1,047.56 15,356.64	15,400.00 1,047.56 15,353.54
	31,794.12		1,589.70	398.00	1,987.70	1,977.62				31,804.20	31,804.20

COMMITTED TO SERVICE OF THE SERVICE

	≥
_	≥
96	D
37	Anr
to	_
0	70
19	epo
96	0
∞	_

	69,387.54	2,286.56	12,023.12	14,309.68	7,720.98	alment)	75,976.24	75,976.24
Berran-Gogganica Specimens Herran-Gogganica Spec	214.24 247.73 1,264.92 2,142.45 5,309.44 1,323.51 200.60 11,290.09 27.71 535.61 1,203.98 10.68	8.37 44.27 74.98 185.83 45.82 7.02 395.15 .97 18.75 36.12 .33	40.88 3,200.00 463.62	7.50 8.67 44.27 74.98 226.71 3,245.82 7.02 858.77 97 18.75 36.12 37 768.51	1,691.10	1 & E A/c	256.40 1,309.19 2,217.43 5,536.15 2,878.23 207.62 12,148.85 554.36 1,240.10 11,056.73	221.74 256.40 1,309.19 2,217.43 5,536.15 2,878.23 207.62 12,148.86 28.68 554.36 1,240.10 11.05 12,656.73
ment, etc Depreciation of Motor Vehicle Educational Publications Ellis—Ethnographical Specimens	477.88 500.00 2,669.37 214.24	16.73 17.50 93.43 7.50	1,233.89 600.00	1,250.62 617.50 93.43 7.50 8.67		C L A/c I & E A/c	1,728.50 1,117.50 2,762.80 221.74	1,728.50 1,117.50 2,762.80 221.74 256.40 1,309.19
Exhibition Halls Exhibition Halls Clinch—Photographic Equipment locker—Showcase Repreciation of Investments Repreciation of Coffee Lounge Equip-	9,435.64 978.00 214.24 987.49	242.35 34.23 7.50 34.56		242.35 34.23 7.50 34.56	2,973.99	Appn A/c	6,704.00 1,012.23 221.74 1,022.05	6,704.00 1,012.23 221.74 1,022.05
— Showcase Juckland Savings Bank—Exhibition Halls, Entomology Department and Library Library July Bankers Campbell Trust—	1,250.58 17,215.16	43.77 602.53	4,000.00 2,044.73	40.00 4,043.77 2,647.26	3,055.89	Appn A/c I & E A/c	40.00 2,238.46 19,862.42	2,238.46 19,862.42
RESERVES, GIFTS, GRANTS AND PROVISIONS Auckland Crete Veterans' Association		100						

Innimitantiniii

Capital Expenditure —		2,311	1968	1967 \$	Rents Received Less Expenses —	1968 \$ 11,544		1967 \$ 11,848
Collections Equipment Furniture and Fittings Library		6,934		258 280 4,418	Commission Insurance Rates Repairs and Maintenance	607 228 1,467 3,104	760 336 2,310 2,602	
			9,245	5,196	Repairs and Maintenance	5,406	2,002	6,008
Archaeology — Salary, Wages and Superannuation Specimen Preservation Travelling and Field Expense Sundry		3,322 684 1,149 125		2,376 358 2	Net Rents Interest — Term Deposit, Bank of New	6,138		5,840
Junuary	_		5,280	2,736	Zealand Local Authority Stock New Zealand Government In-	5,727 730		5,228 684
Valuation Legal Fee		17		10	scribed Stock Mortgage and Dividend	550 314		476 408
Transfer to Obsolescence Fund Interest on Obsolescence Fund Loss on Sale of Debentures		400 369 3		400		7,321		6,796
			789	410				
Balance carried down			7,587	9,442	Balance brought down	9,442		5,148
			\$22,901	\$17,784		\$22,901		\$17,784

AUCKLAND INSTITUTE AND MUSEUM

BALANCE SHEET AS AT 31st MARCH 1968

LIABILI	TIES	1968	1967 \$	ASSE	TS	1968	1967
Current Liabilities — Sundry Creditors Subscriptions in Advance	5,649 117	5,766	9,220 46 9,266	Current Assets — Cash in Hand Cash at Banks Sundry Debtors & Prepayments Subscriptions in Arrear Stock and Stores on Hand	142 14,861 3,039 269 15,368		142 7,172 4,302 214 11,316
Trusts, Endowments, Reserves, etc Trusts — as per statement General Endowments Gifts, Reserves, etc ,,	303,265 31,804 75,977		304,003 31,794 69,388	Investments, at Cost — Auckland Savings Bank, Term		33,679	23,146
	1	411,046	405,185	Deposit	4,000 170,000		4,000 160,000
Capital— Balance 1 April Add Additions during year	2,028,647 21,442		1,975,968 52,679	Bank N.Z., Term Deposit Australian Commonwealth Stock Local Authority Stock/Debs. New Zealand Government In-	3,941 97,830		3,941 99,084
Add Balance Appropriation A/c	2,050,089 2,263		2,028,647 717	scribed Stock Shares in N.Z. Companies Mortgages Freehold Properties	39,814 7,210 1,100 61,500		54,386 7,210 1,900 61,500
		2,052,352	2,029,364	Freehold Properties	61,300	385,395	392,021
				Fixed Assets, at Cost — Buildings Collections Displays Equipment, Tools, etc Furniture and Fittings Library Motor Vehicles	1,397,411 390,815 4,551 17,808 107,857 124,033 7,615		1,397,157 387,776 1,536 17,414 102,302 114,848 7,615
						2,050,090	2,028,648
		\$2,469,164	\$2,443,815			\$2,469,164	\$2,443,815

E. G. TURBOTT, Treasurer.

ROLL OF HONORARY LIFE MEMBERS

Ferdinand von Hochstetter, Ph.D.					Elected 1868
Sir Cecil Leys					1931
H. E. Vaile, Esq.					1931
Captain G. A. Humphreys-Davi	es				1944
E. Earle Vaile, Esq., o.B.E.					1944
Professor H. W. Segar, M.A., F.R.S.	N.Z.				1946
W. G. White, Esq.					1946
Sir Frank Mappin, Bart					1947
J. C. Rennie, Esq., LL.B.					1947
J. C. Entrican, Esq.					1948
Eruini Taipari, Esq.					1949
Sir Carrick Robertson, F.R.C.S.					1951
A. T. Pycroft, Esq.					1951
Sir James Gunson, C.M.G., C.B.E.					1955
Sir John Allum, C.B.E.					1960
M. K. Draffin, Esq., M.C., F.R.I.B.	Α.				1960
Sir Ernest Davis					1961
Sir William Goodfellow					1962
W. Calder MacKay, Esq., o.B.E., M	.c.				1962
Sir Gilbert Archey, C.B.E., M.A., D	SC., F	R.S.N.Z			1963
E. H. Rhodes, Esq, B.sc.					1963
Lucy Cranwell Smith, M.A., D.SC.,	F.L.S.,	F.R.S.N	I.Z.		1964
J. Seabrook, Esq., A.F.C., E.D., U.S.	LEGIC	N OF I	MERIT		1964
Professor L. H. Briggs, D.SC., D.I	PHIL.,	F.R.S.N.	z.		1965
W. B. Dixon Stroud, Esq.					1966
Rt. Hon. Sir Harold Barrowclough				., M.C.	1967
C. E. Disney, Esq					1967

Members of the Auckland Institute.

HONORARY LIFE MEMBERS

Sir John Allum, C.B.E.
Sir Gilbert Archey, C.B.E.,
F.R.S.N.Z.
The Rt. Hon. Sir Harold
Barrowclough, K.C.M.G., C.B.,
D.S.O., M.C.
Professor L. H. Briggs, D.Sc.,
D.Phil., F.R.S.N.Z.
C. E. Disney, Esq.

Sir William Mackay, O.B.E., M.C.
Sir Frank Mappin, Bart.
A. T. Pycroft, Esq.
J. C. Rennie, Esq., L.B.
J. Seabrook, Esq., A.F.C., E.D.,
U.S. Legion of Merit
Mrs. L. Crawell Smith, M.A.,
D.Sc., F.L.S., F.R.S.N.Z.
W. B. Dixon Stroud, Esq.

LIFE MEMBERS

Adams, G. E.
Adams, L.
Adexander, A. M.
Alexander, I. J.
Alldritt, C.
Allen, Mrs F. G. H.
Allen, L. R., M.Sc., M.A., Ph.D.
Ambler, F. N., O.B.E.
Andrae, Dr. G. A.
Armstrong, R. W., M.A., Ph.D.,
M.R.S.H.,
Ash, Miss C., M.A.

Bach, C. R., E.D., B.Sc.
Bach, Miss Elizabeth E. R.
Backer, Miss Elizabeth E. R.
Baker, P. Russell
Ball, Mrs J. E. M.
Bamford, Miss N. R., B.A.
Bannister, M. H.
Barnes, J. R., B.D.S.
Barnfather, R. L.
Barriest, W. H.
Baskett, Dr. Noel
Batten, W. N., M.A., A.R.A.N.Z.
Battey, M. H., M.Sc., Ph.D.
Bell, E. A., B.Sc., B.E.,
Bell, E. A., B.Sc., B.E.,
Bell, G. B., B.E., B.Sc., M.I.C.E.,
A.F.R.Ae.S.
Bell, Mrs. B. B., B.Sc., M.I.C.E.,
Bell, Mrs. B. B., B.Sc., B.E.
Bell, Mrs. B. B., B.Sc., B.D.
Bielbox, R. L., M.Sc., Ph.D.
Bishop, Miss Brenda, M.A.,
B.Com.

Bishop, John J.
Bishop, T. A., O.B.E., M.M., B.A.
Bishop, W. N.
Bishop, W. N.
Bonny, G. H.
Bow, A. F.
Bowden, Dr. B. J.
Brehmer, K., B.A.
Brett, Miss Marguerite
Broadfoot, Mrs R. M., F.N.Z.I.C.
Brooker, S. G., M.S.C., F.N.Z.I.C.
Brooker, S. G., M.S.C., F.N.Z.I.C.
Brooker, S. G., M.S.C., F.N.Z.I.C.
Brookin, C. T., E.D., M.A.,
Dip.Ed.
Brothers, Professor R. N., M.Sc.,
Ph.D., D.I.C., F.G.S.
Brown, A. G.
Brown, Harvey St. C.
Brown, Harvey St. C.
Brown, H. B.A.
Browne, W. E., B.Sc.
Buthanan, K. R., B.C.L.
Buddle, J. F.
Bull, Peter C., D.Sc.
Buthy, H. S.
Byttiner, Mrs L. I.

Cairns, Dr. F. J.
Cambie, Professor, R.C., M.Sc.,
Ph.D., D.Sc., A.N.Z.I.C.
Campbell, N. J.
Campbell, T.M., A.M.I.C.E.,
M.N.Z.I.E.,
Carpenter, J. W. M.
Carter-Visscher, Mrs E. E.
Cassie, Mrs R. M., M.A., Ph.D.
Caughey, Professor J. E., M.D.,
F.R.C.P.
Caughey, J. Stuart

Caughey, Mrs R. H.
Caughey, W. G.
Chambers, D. N.
Chambers, D. N.
Chambers, T. C., M.Sc.
Chessman, O. A.
Childs, Dr. T. D. C.
Claflin, William H.
Clark, J. L., LL.B.,
Clork, Miss M. T. B.
Close, R. C., M.Sc.
Ooke, R. C., M.Sc.
Ooke, Mrs M. E.
Cookson, F. G.
Cooke, W. L.
Craig, J. C.
Crockett, R. M., B.Com.
Crocombe, R. G.
Crockes, Miss M. W., M.A.
Crompton, W. J.
Cropper, P.
Currie, Mrs H. J., M.Sc.

Dale, T. J. d'Auvergne, Mrs C. E. Davis, F. W., D.F.A. de Courcy, N. R. Diamond, J. T. Dickson, J. F. W., LL.B. Dignan, A. A. Diingley, G. M.Sc. Dingley, Miss J., M.Sc. Dixon, Miss A. Z. Dixon, C. E., M.Sc. Donald, James B. Dove, Brigadier W. W., C.B.E., M.C. Draffin, Rodney F., F.N.Z.LA. Drake, G. W. C., M.A., B.Com.

Draffin, Rodney F., F.N.Z.I.A. Drake, G. W. C., M.A., B.Com. Dreadon, Dr. Ross G. Duncan, Miss M., M.A. Duthie, N. A., D.S.O.

Eady, A. T.
Edgar, A. T., O.B.E., E.D.
Edgelow, Miss K. I.
Edgelow, Miss K. I.
Edgelow, Miss K. I.
Elder, Miss C.
Elder, Miss C.
Elder, Miss E.
Elliffe, J. M.
Elliott, Ruth F., Ph.D.
Erwood, R. C., B.S.
Esson, Miss M. M., B.Sc.
Evans, Miss Enid A., B.A.,
A.L.A., F.N.Z.L.A.
Evans, Miss L. K.
Even, J. F. A.

Fairclough, Dr. W. A.

Falla, R. A., C.M.G., M.A., D.Sc., F.R.S.N.Z. Fenton, J.
Fentorick, Dr. G., F.R.A.C.S. Ferguson, Dr. R. G. Firth, C. W., M.Sc., M.I.C.E., M.I.W.E., F.N.Z.I.E. Firth, Professor R. W., M.A., Ph.D. Fisher, Miss E. E. Fisher, V. F., M.A., F.M.A.N.Z. Fitzpatrick, B. V., I.L.B. Fleming, C. A., O.B.E., D.Sc., F.R.S., F.R.S.N.Z. Fletcher, Sir James Ford, C. R., F.R.S.N.Z. Fowlds, M. G. Freyberg, Mrs. P. S.

Gallaher, P. J., B.Sc.
Gardner, C. le G.
Gardner, C. le G.
Gardner, J. J. C.
Geddes, A. McK., Dip.Hort.
Gee, Miss Phyllis C.
Gentles, J. A.
George, Sidney Thorne
Gilbert A.
Giles, E. T., M.Sc., Ph.D., D.I.C.,
F.R.E.S.
Gillman, Miss A. M.
Glasse, A. O., O.B.E., M.C.
Gleeson, N. M., E.D., B.D.S.
Gluckman, Dr L. K., M.D.,
M.A.N.Z.C.P., F.R.A.C.P.,
F.R.N.S.N.Z.
Goldie, A. A.

F.R.N.S.N.Z.
Goldie, A. A.
Goodey, J. H., M.Sc., A.N.Z.I.C.
Graham, Mrs M. F. S., M.A.
Griffiths, W. G., B.D.S.
Grimes, E., M.A.

Haigh, S. B.
Hall, Rev. Allen H., B.A.
Hames, T. L., F.C.I.S., F.R.A.N.Z.
Hamilton, Miss I. M.
Hamilton, Miss I. M.
Hamilton, T. G., B.A., Dip.Ed.
Hannken, P. B., M.Sc.
Harrington, H. J., Ph.D.
Harrop, R. S., B.Com.
Hartnell, S. F.,
Harvie, Col. Eric L., Q.C., LL.D.
Hatch, E. D.
Hayman, L. T.
Hebbend, Mrs. A.C., B.A.
Hemingway, Mrs M.
Henley, J. C., D.C.M., E.D.
Hessen, R. C. H.
Hesketh, C. R., D.F.C., LL.B.
Hintz, O. S., C.M.G.

Hipkins, A. K.
Hole, Mrs G.
Holland, H. C., M.Sc., Ph.D.
(Leeds), F.R.I.C., F.N.Z.I.C.
Holt, Mrs J. H.
Hooker, O. L.
Hortner, Trevor, J.
Horton, M., M.A. (Cantab.),
I.L.B.
Horton, Mrs R. D.
Hovell, S. M.
Hughes, Lt.-Col. A. R.
Hughes, Dr. Elizabeth
Hunt, Miss F.
Hunter, L. O., A.M.I.E.E.
Hynes, Mrs P.

Innes, C. B., F.R.C.S.

Jacks, Dr. H.
Jackson, A. G., M.S.I.A., I.D.S.A.,
N.Z.S.I.D.
Jackson, G. G., F.R.G.S.
Jackson, G. W., F.R.G.S.
Jackson, D. R., B.Sc.
Jackson, D. D., B.Com.
Jackson, Dr. W. L. H., M.B.,
Ch.B., M.R.C.P.
Jefferson, Miss C., B.A.
Jenkins, H.,
Jones, Harold R.
Joyce, N. S., B.Agr.Sc.

Keam, R. F., M.Sc., B.A.(Cantab).
Kear, D., B.Sc., B.Sc.(Eng.),
Ph.D., A.R.S.M.
Kelliher, Sir Henry
Kelliher, Lady
Kendall, R. J.
Kerkin, E. H.
Kidson, J.
King, G. G.
Kingston, B. H., LL.B.
Kingston, J. R., LL.B.
Kingston, J. R., LL.B.
Kingston, J. R., Kissin, Joseph
Klippel, Mrs M. D.
Komsars, J.
Korman, H.
Kreielsheimer, Professor K. S.,
Flast.P., M.I.E.E., D.Ing.

Lambert, G. S.
Lambert, H. C. A.
Lambert, Henry, F.N.Z.I.M.
Laurenson, Rev. G. I., C.B.E.
La Roche, W. E., B.Sc.
Lediard, R. S.
Lennard, L. M.
Lennox-King, Commander J.

Le Quesne, Colin, J., M.Sc., Le Quesne, Philip, M.Sc., Ph.D. Leys, T. H. Liggins, C. O. Livingston, Miss J. S. Lloyd, Miss C. Lloyd, Miss C. Lloyd, Miss Z. O., B.A. Lucena, L., E.D., B.A. Luckens, F.S.D., M.I.E.E., M.N.Z.I.E., M.N.Z.I.E. Luckens, Penelope, Ph.D.

McCalbu, Rev. J. B.
McCallum, W. F.
McCallum, W. F.
McClelland, A. C., M.Sc.
McGymont, Miss J.
McGuisan, Miss J.
McGuisan, Miss M.
McGuisy, Dr. V. W. T., C.M.G.,
O.B.E., M.B.
Macky, Dr. F.
McLeod, H. K.
McPhail, Surgeon Captain E. S.,
C.B.E., V.R.D., R.N.Z.N.
Massland, Paul
Mahon, R. B. G., LL.B.
Mandeno, Lloyd
Mappin, Miss L.
Marshall, A. C., M.Arch.
A.R.I.B.A., A.N.Z.I.A.
Martin, D. N., LL.B.
Mason, A. P., M.Sc.
Massey, H. L.
Mathews, Dr. J. D.
Matthews, Dr. J. D.
Matthews, Dr. J. D.
Matthews, Mrs R. L.
May, Mrs B. M.
Mckle, Mrs P. C., M.A., Dip.Ed.
Mercer, J. E.
Mill, F. D.
Millener, Professor L. H., M.Sc.,
Ph.D.
Miller, M. H.
Millen, Mrs Jon D. D. D.
Miller, M. H.
Millen, Mrs Jon D. D. D.
Miller, M. H.
Millen, Mrs Jon D. D. D. D.
Miller, M. H.
Millen, Mrs Jon D. D. D. D.
Miller, M. H.
Million, Mrs Jon D. D. D. D.
Miller, M. H.
Million, Mrs Jon D. D. D. D.

Millen, M. H.
Millen, Mrs Joan
Minn, H. R., M.A., B.D., Ph.D.
Mitchelson, E. J.
Monk, F., B.A., M.Com.
Moynihan, R.
Murjan D., B.A.
Murdock, C. G.
Murphy, Colonel W. W., C.B.E.,
M.C.
Myers, A. D.

Myers, A. D. Myers, Kenneth B., M.B.E.

Newhook, F. J., M.Sc., Ph.D.

Niccol, Miss Tally Nicholls, G. A., M.Sc., Ph.D., F.N.Z.I.C. Nicholson, C. F. Nicholson, Mrs I. E., M.Sc. Nugent, V. G. O'Loghlen, Miss R., B.A. Orford, Rt. Hon. Countess of Otway, Dr. W. F. Parr, Mrs E. C., B.Sc. Paterson, M. B. Paton, E Paykel, H.
Pendergrast, Professor J. G.,
M.Sc., Ph.D., D.I.C.
Penfold, Mrs V. B.
Percy, Mrs Eleanor A., M.Sc.
Peters, A. C., B.D.S.
Peterson, A. R.
Pierce, Rev. J. G., B.A.
Porter, R. J. F.
Powell, A. W. B., Hon.D.Sc.,
F.R.S.N.Z., F.M.A.N.Z.
Prickett, Mrs J.
Priestley, M. E., B.D.S.
Pullar, Mrs E. M., B.A.
Purdie, Dr. D. A.,
Purdie, Dr. D. A. Paykel, H. Purvis, Dr. G. S Pycroft, L. T. J. Pycroft, R. T. Rains, Miss C. M. Rattenbury, Professor J. Rattenbury, I M.A., Ph.D. Reece, E. E. Reilley, J. T. Reyburn, W. R. Richwhite, C. M. Ringer, Mrs A. M., B.Sc. Rix-Trott, Mrs G. obb, Sir Douglas, C.M.G., M.D., Ch.M., F.R.C.S., F.R.A.C.S., F.R.C.P., Hon. F.A.C.S., Hon. LL.D. (Queen's), F.R.S.N.Z. F.R.S., N.Z.
Roberts, Miss K. Leslie
Roberts, Miss K. R.
Roberts, Dr. R. H.
Roberts, R. V.
Roberts, W. G.
Robertson, D. B., M.B., (Melb), F.R.C.S. (England),
F.P. 4 C. F. B.S. F.R.A.C.S Robertson, Dr. James W. B. Robertson, Lady Robinson, D. M. Robinson, M. V

Robinson, Professor R. A., D.Sc.,

Ph.D.

Robinson, Miss Rose A Roche, E. H., M.C., M.D., F.R.A.C.P. Rogerson, H. M. Roscoe, Miss D. K. V. Rose, J. H., LL.B. Rowntree, J. B., B.E., B.Sc. Rumsey, B. J. Rumsey, S. A. Russell, Mrs T. G. Sanderson, Mrs H., M.Sc. Schischka, J. F. Y., M.B.E. V.R.D. and Clasp, B.Com., F.R.A.N.Z., F.C.I.S. Scoble, R. A., M.A., F.M.A.N.Z. Scott, R. G. Seabrook, Mrs J. Searle, Professor E. J., D.Sc. Seelye, R. N., M.Sc., D.Phil. (Oxon.). Segedin, Mrs Barbara P., M.A., Ph.D. Segedin, Professor C. M., M.Sc., Ph.D. Shadbolt, M. Sheppard, Professor E. A., M.A., Ph.D. Shortt, Dr. F. C. M. Sibson, R. B., M.A. Sibson, Mrs R. B. Simmonds, R. F. S. Simmonds, K. F. S. Smale, David Smart, W. E. Smith, R. C. K. Spiller, D., Ph.D. Steen, D. H., M.Com. Stein, P. A. S. Stein, T. V. Stevens, F. S., J.P., A.C.G.E., P. A.C.G.E., Stevens, F. S F.N.Z.I.M. Stevens, L. J. Stevenson, A. G., M.A., B.Sc. Stevenson, Miss E. M. Stevenson, R. S. Stewart, Dr. J. H. Stuart, Miss R. Sylvester, R. A., M.A. Falbot, Dr. R. R.
Tandy, A., D.C.M., M.M.,
C.deG., C.deL., A.F.N.Z.I.M.
Tattle, B. N., A.A.S.A., A.C.I.S.,
A.R.A.N.Z. Taylor, Commander C. J., B.Sc., R.N.Z.N. Taylor, F. C. D.
Taylor, Miss L. I., M.P.S.
Taylor, Dr. R. M. S.
Tewsley, C. S.



A. W. B. POWELL,, HON. D.SC., F.R.S.N.Z., F.M.A.N.Z.

Dr Powell, Assistant Director, retired after 40 years' service on 4th April 1968.

N.Z. Herald photo

V. F. FISHER, M.A., F.M.A.N.Z. Mr Fisher retired from the post of Ethnologist on 3rd January 1968. He had served for 37 years since his appointment in 1930.

Auckland Star photo



The Museum's preparator, Mr Cappel, arranging exhibits in the premises of J. and A. Wiseman, Saddle and Harness Maker, "Centennial Street." N.Z. Herald photo



CENTENNIAL STREET. In 1966, to mark their centenary, Messrs Milne and Choyce Ltd gave a display to the City and to the Museum, showing Auckland as it was in 1866, at the re-opening of the "Street" in the Museum on 19th October 1967, from left: Mr E. G. Turbott (Director); members of the staff in costumes of the 1860s, Miss M. Woolloxall, Miss J. Hookham and Mr J. McCaw; and Dr H. C. Holland (President), N.Z. Herald photo



R. W., LL.B., Thomas. N.D.H. (N.Z.) N.D.H. (N.Z.)
Thomas, P. W.
Thomas, R. E.
Thomas, S. W.
Thompson, B. N.
Thorburn, G. L.
Tidswell, J. R. Tidswell, J. R.
Traub, Mrs J., B.Sc.
Trebilcock, Miss I. D.
Trevarthen, C. B., M.Sc., Ph.D.
Turbott, E. G., M.Sc., F.M.A.N.Z.
Turbott, Mrs E. G., F.M.A.N.Z.
Turnbull, L. P.

Vaile, Christopher E. Vaile, Gordon

Wagener, Mrs Lois Walker, A. L., M.A., Dip.Ed (Edin.)

(Edin.) Wallace, J. H. Wallace, R. Walls, S. D., J.P. Warren, Dr A., B.A., M.R.C.O.G. Watt, J. C., M.Sc., D.Phil., F.R.E.S.

Webber, C. E. R. Webster, T. C. Wells, A. U. White, E. G. White, E. G.
Whitmore, D. F.
Whitmey, W. Chisholm
Whittaker, J. M.
Whitwell, H. J., M.A., Dip.Ed.
Wickham, N. E.
Willis, E. D.
Willmot, J. R., B.A., Dip. Ed. Wilson, Lewis Wilson, Therese B Wilson, W. Scott Winstone, E. G. Wise, K. A. J. Wiseman, M. H. Wood, Mrs K. Woodward, Dr. T. E. Wright, Dr. D. J Wrigley, A., A.N.Z.I.M. Wylie, D. S. Wynyard, G. L.

Yock, R. A.

MEMBERS

Abbott, Dr. W. N., M.C. Abercrombie, K Adam, B. C. Adams, A. R Adams, A. R. Adams, Rev. G. O., B.A., LL.B., L.Th.
Afford, R. N.
Aitchison, W. L.
Aitken, Miss M. D. Aitken, Miss M. D.
Alexander, C. J.
Allen, B. G.
Andrews, Miss Lesley.
Anderson, A. G., M.A., Dip.Ed.
Anderson, H. K.
Angus, W. M., J.P.
Annabell, Mrs A. R., B.A.
Annett, H. E., O.B.E., D.S.C.
(Lond.), F.R.I.C., F.N.Z.I.C.
Arlington, S. C.
Ashe, Mrs N. L.
Ashcroft, A. Edgar
Asher, Miss A., B.A.
Astley, E. A. Astley, E. A. Astley, L. Atkinson, J. D., M.Agr.Sc.

Baird, R. J. Baldwin, A. D Ballintine, W. J., M.A., Ph.D. (Lond.) Barclay, D.

Barclay, R. W. Barfoot, V. H., B.Sc. Barr, Miss M. S. Barrett, F.
Barry, T. A.
Bartleet, E. L., LL.B.
Barton, W. H., B.A.
Baskett, F. G. Bates, R. W. Bateson, F. F.R.A.S.N.Z. M., F.R.A.S., Beadle, Professor P., M.N.Z.-S.S.A., M.N.Z.S.I.D., M.F.I.M.
Beatson, R. G. S., B.Arch.,
A.R.I.B.A., F.N.Z.I.A.
Beauchamp, L.
Beckett, W. G.
Beckham, A. J.
Bedford, Miss Jennifer, B.Sc.
Beever, I., B.A., Dip.Ed.
Beever, R. B. Sc., A.N.Z.I.M.L.T.
Bell, Mr S. A. Graham
Bell, N. C.
Bellwood, P. B. A. Bell, N. C.
Bellwood, P., B.A.
Beresford, G. D.
Bergquist, Mrs P. R., M.Sc., Ph.D.
Bigelow, R. C.
Biggs, Professor B. G., M.A.,
Ph.D., F.R.S.N.Z.

Binney, Mrs J. Jr.,
Binsted, H.
Birks, T. L.
Bishop, T. S.
Black, Rev. Bower, LL.B.
Black, H.
Blackie, Mrs D. W.
Blake-Palmer, Dr. G., E.D.,
M.R.C.S., L.R.C.P., D.P.M., Bloomfield, G. T., B.A., Ph.D. Blyth, W. H. Bollard, E. G., B.Sc., Ph.D., F.R.S.N.Z. Bond, Mrs P. Bond, Mrs P.
Bonny, Mrs Stephanie
Booth, Miss A. L.
Booth, F. S.
Booth, Mrs F. S. Bowen, F. E.
Boyes, N. F.
Boyes, Miss P. M., M.P.S.
Boyle, P. R.
Bracewell, J. Bräcewell, J.
Bradstock, C. A.
Brenchley, Mrs D.
Brennan, K.
Brerten, Lt.-Com. H. W., M.B.E.
Brett Patrick, Mrs N.
Brewin, Beryl I., D.Sc.
Brickell, L. G.
Brien, Mrs M.
Brook, B.J. M.Sc., Ph.D.
Brook, B.J. M.Sc., Ph.D.
Brook, B.J. M.Sc., Ph.D.
Brook, Mrs B. L.
Brookes, Mrs B. L.
Brown, Professor D., Ph.D.,
F.R.S.N.Z.
Brown, E. S. F.R.S.N.Z.
Brown, J. G., M.A.
Brown, J. G., M.A.
Browne, J. C.
Browne, J. C.
Brundell, J. E., M.Sc., A.R.I.C.,
A.N.Z.I.C.
Bryan, Mrs E. H.
Bryan, Mrs J.
Buchagan, Dr. H. M. O.B.E. Buchanan, Dr. H. M., O.B.E. Buchley, M.
Buddle, Mrs J. P., Dip.F.A.
Buddle, P. A.
Buddle, P. A.
Bull, H. F.
Bull, Mrs H. J.
Bulmer, R. N. H., B.A.(Cantab.), Ph.D. Burrell, Dr. H Burrell, Mrs M. H. Burrell, Dr. R. H. Bush, Dr. Alice M. Butcher, Professor J. C., M.Sc., Ph.D. Butland, Miss J.

Butterworth, Mrs J. C. M. Buttle, J. R.

Cairns, N. A.
Calder, H. L.
Caldwell, Dr. E. G.
Caldwell, Br. E. G.
Caldwell, K. S., LL.B.
Cameron, H. S. Robertson
Camperon, J. S., F.G.A.
Camp, P. F.
Campbell, E. W. F.
Campbell, I. G.
Candy, Miss L. S.
Canvin, J. A., B. A.
Caradus, D. M.
Carry, M. S. Caradus, D. M.
Carey, M. S.
Carless, N. P., F.P.A.N.Z.,
F.I.A.N.Z. Carmine, Miss C.
Carmahan, J. A., M.
Carson, Mrs M. B.
Carter, G. N.
Caselberg, F. A. J.
Caserels, N. S., E.D. M.Sc., Ph.D. Cassrels, N. S., E.D.
Cates, A.
Catley, Rev. A. B., M.A.,
B.Sc.Agr., D.Th.
Caughey, A. L.
Caughey, Brian K.
Caughey, Miss Joan
Cavell, Miss G.
Cavell, Miss Rev. R.
Challis, Rev. R.
Challers, Miss G. A.
Chamberlain, E. E., D.Sc.,
F.R.S.N.Z. F.R.S.N.Z. Chamberlain, G., B.Sc. Chambers, Ian M. Chandler, Mrs J. M. Chapman, Miss Ann, Ph.D. Chapman, Professor V. J., M.A., Ph.D. Ph.D. Chatfield, Dr. H. A. Chisholm, Dr. Russell F., O.B.E. Christie, N., A.I.E.R.E. Christmas, A. W. Clapham, L. V. Christmas, A. W.
Clapham, L. V.
Clare, Mrs M. J.
Claret, D. M., B.A.
Clark, M. S.A.
Clark, M. C., M.A.
Clark, W. J. H., M.A.
Clark, W. J. H., M.A.
Clark, C. E.
Clarke, A. E.
Clarke, J. Maxwell, M.B., Ch.M.
Clarke, J. Maxwell, M.B., Ch.M. Clarke, S. C. Clavis, W. G. Clendon, Bowen Clendon, Mrs B. Clinkard, Mrs D.

Cochrane, G. R.
Colebrook, J. G.
Coleman, B. P., Dip.Hort.
Collins, Miss M. R.
Combes, R. E.
Combes, M. E.
Cooke, D. C. D.
Cooke, D. C. D.
Cooke, D. C. D.
Cooke, D. C. D.
Cooke, D. W. L.
Cooper, R. C., B.Com, M.A.
Ph.D., F.M.S.
Coper, R. C., B.Com, M.A.
Ph.D., F.M.AN.Z.
Cornish, J. M., B.H.Sc.
Cornthwalte, B.
Coster, Mrs H.
Couch, Leon
Couldrey, Miss C. A.
Couldrey, Miss C. A.
Couldrey, M. W.
Cow, D. S., M. W.
Cow, D. S., M. Com,
Cox, F. J., LL.B.
Cox, J. E.
Cox, S. J. Hindmarsh, M.B.,
Ch.B.
Coyle, A.
Craig, Horace A.
Craig, Horace A.
Craig, Horace A.
Craig, Horace A.
Craig, Horace
Crawley, G. T.
Crichton, I. M.
Crippen, J. W.
Crippen, Mrs J., B.A.
Cronin, Dr. E. J., M.Sc.
Crotty, P. H.
Cumming, Lan, B.A., M.Ed.,
Ph.D., F.R. Hist, S.

Dagger, J. R., M.Sc.
Dale, E. R. S.
Daniell, Miss M., B.A.
Dare, Peter H.
Darling, Miss A. G.
Darlow, W. B.
Davenport, J. C.
Davidson, Miss J. M., M.A.
Davies, J.
Davison, R. M., M.Sc., Ph.D.
Davy, J. P.
Dawson, G. F.
Dearing, J. L.
de Berry, Dr. Alvin
de Bres, Rev. P. H., B.Div.
(Utrecht), M.A.
Deed, C. V.
Delamore, A. R.
Delargy, Most Rev. R. J., D.D.
Delowe, J., A.F.N.Z.I.M.
Delph, L. W., M.C., M.A.
de Nave, Mrs M. D.

Devonshire, C. W.
Dewar, Miss Margaret, M.Sc.
Dickey, Miss Julienne.
Dickson, A. J., O.B.E., B.E.,
M.I.C.E., F.N.Z.I.E., F.R.S.H.,
F.R.S.A., J.P.
Dingle, Miss M. E.
Donald, J. McLeod
Draffin, Mrs. M. K.
Drewry, J. J., M.I.Mech.E.,
M.N.Z.I.E.
Driver, E. H.
Drummond, Mrs L. R.
Drummond, Mrs L. R.
Drummond, R.
Duder, A. N., A.M.I.C.E.,
F.N.Z.I.E.
Duder, R. Humphrey
Dumbleton, E. V.
Duncan, E. C.
Dunningham, C. D. A.

Eagles, J. A.
Eden, C. A.
Edwards, H. H.
Eise, Miss I. G.
Ellis, R., A.R.C.A., R.B.A.
Ely, I. D.
Emery, D.
English, R.
Ennor, H., LL.B.
Espiner, Miss E., M.A.

Farnell, A.
Faulkner, Colin, M.A.
Faulkner, Colin, M.A.
Faulkner, Colin, M.A.
Fawcett, J. D., M.Sc.
Farguson, W. R. J.
Ferguson, A. R., B.Sc.(Hons.),
M.Sc., A.N.Z.I.C.
Ferguson, R. H. Lindo, F.R.C.S.
Field, Mrs M. M. R.
Findlay, G.
Findlay, G.
Firth, J.
Firth, Mrs J.
Firth, Mrs J.
Firth, W. H. B.
Fisher, Mrs M. E.
Fitzgerald, T., M.A.
Fleming, Mrs G. H.
Flower, Mrs L.
Foley, E. J.
Foote, D. C.
Ford-Robertson, J. de C., M.A.
(Oxon).

Forder, Professor H. G., M.A., Hon. D.Sc., F.R.S.N.Z. Foster, B. A., B.Sc. Foster, Mrs J. M. Fowlds, W. F., M.C. Fowler, Mr C., B.A. Fox, E. O. Fowler, Mr C., B.A. Fox, E. O. Fox, G., A.R.I.B.A., A.N.Z.I.A. Frater, G. W. M. B.A. (Oxon.) Fry. P. R., M.Sc., Ph.D. Fulljames, K. A.

Galbraith, C. E.
Gallie, P. N., A.R.A.N.Z.
Gamble, Mrs M. B.
Gardner, N. W.
Gardner, Mrs E. N.
Garlick, Russell T., LL.B.
Gardner, Mrs E. N.
Garlick, Russell T., LL.B.
Gardner, Mrs E. N.
Garlick, Russell T., LL.B.
Gardich, Dr. J. Howard
Gavin, W.
Geddes, H. McKail
Geddes, J. A., B.S.C.(Oxon.)
Geddes, Miss M. A.
Geddes, Robert McK.
Gibbons, W. L. B.
Gibson, P. R. J., LL.B.
Gibson, P. R. J., LL.B.
Gilkins, M. D., M.A.
Gillies, C. L., B.A.
Gooch, John
Gillman, F. A.
Gooch, John
Goodon, J. P., B.S.
Gould, Mrs E. M.
Gordon, A. F. W.
Gordon, D. P., B.S.
Gould, Mrs E. M., M.B.E.
Goulding, Miss J. H.
Gover, J. F.
Grant, Dr. A. McGregor, C.B.E.
Grant, Miss J. E.
Grant, Miss J. G.
Grant, M. M.
Grayland, E.
Gray, F. S.
Gray, Miss N. J., B.A.
Grayland, E.
Gray, F. S.
Gray, M.A.
Grierson, R. M.
Grieson, R. M.
Girisson, R. M.
Girisson, W. M.A.
Grieson, W. Wallace, M.A.
(Oxon.), Dip.E.Con.(Oxon.)

Gyde, A.

Haigh, F. H. Halliwell, R. F. Hames, C. R., B.E. Hames, Rev. E. W., M.A. Hamlon, J. O.
Hanna, Dr. D. M.
Hansen, T. L.
Hansen, Mrs F. B.
Hardie-Boys, Hon. Mr Justice Hardwick-Smith, Miss Mary Harmes, Mrs J. Harris, Dr. E. A. Harris, Mrs Phyllis Harrison, Miss M. Harrison, P. Harrison, Miss M.
Harrison, P. W. R.
Harrison, Dr. W. R.
Harrison, G., M.C.
Harrey, Miss Cel.
Harrey, Miss Cel.
Harvey, Miss Cel.
Hazzard, R. C., M.Com.
Hawkins, Clifford W.
Hay, Dr. H.
Hay, Dr. H.
Hay, Dr. H.
Hay, Dr. H.
Hay, M. P.
Hayward, R. C. V.
Heap, D. J. B.A.
Heap, W. A.
Heap, D. J. B.A.
Hellaby, J. A. B.
Hellaby, Miss R. B.
Hellaby, Miss R. B.
Herbert, W. J., M.A., Dip.Ed.
Herwlett, G. B.
Herwlett, G. J. M.A., Dip.Ed. Hewlett, G. Hill, D. J., B.A. Hill, D. J., B.A.
Hill, J. E. G.
Hill, Mrs M.
Hill, T. F.
Hilliard, Captain J. G. N., C.B.E.,
D.S.C., V.R.D.
Hodge, A., Ph.D(Lond.)
Hoe, Y. L.
Holgate, M. R., M.A.
Holloway, Mrs K., M.A.
Lollyman, Professor K. J., M.A.,
D.J.(Paris) D.U.(Paris) Holmden, Dr. H. F. Hooker, Brian Hooper, A., M.A., Ph.D.(Harv'd) Hooper, A. H. Horton, Ian, M.A. Hotere, R. Hudson, Dr. J. S. Hull, Captain F. A., R.N. (Retd.) Hull, R. F. Hunter, J. C., A.S.T.C., A.N.Z.I.C. Hutchison, Mrs E., B.A. Hutton, P. B.

Ibbertson, H. P. Ihle, A. M. Innes, Dr. Margaret Irvine, Miss F. J. M., M.A. Irwin, Rev. J.

Jack, I. McM
Jackson, G. C.
Jackson, G. C.
Jackson, G. C.
Jackson, K.
Jackson, K.
Jackson, R.
Jacobs, H. N.
Jagusch, H. W.
Jagusch, H. W.
James, L. H., M.Sc., F.N.Z.I.C.
Jeffcoat, D. H.
Jelicich, Stephan A.
Jenkins, C. F., LL.B.
Jenkinson, Jan H.
Jepson, J. D. B. Sc.
Johnson, J. D. B. Sc.
Johnson, Major M. E., M.C.
Johnston, J. B., LL.B.
Johnstone, I. M., B.Sc.
Jolly, R. G. W.
Jones, R. J.
Jones, W. E.
Jordan, W. F.
Jordan, W. F.
Joseph, D. B., M.A.
Joughin, A. W.

Kalaugher, E. D.
Kawharu, I. H., B.Sc., M.A.
(Cabb.), B.Litt., D.Phill(Oxon.)
Kerly, J. W., S.M.
Keenan, T. J.
Keene, Mrs Betty
Keene, Mrs Florence
Keene, Mrs Betty
Keene, Mrs Betty
Keene, Mrs Betty
Keene, Mrs B. D.
Keller, Miss W.
Kelly, Miss F.
Keller, Miss W.
Kelly, Miss F.
Kerlor, D. J.
Kenderdine, Miss E.
Kernot, B.
Kidd, Dr. Lindsay R.
Kidd, Dr. Lindsay R.
Kidd, Dr. Lindsay R.
Kidd, Dr. Lindsay R.
Kidner, J. S., B.D.S.
Kirk, A. A., B.A.
Kirsen, Dr. Alex H.
Kirker, J. A.
Kissling, Mrs G.
Kissling, Mrs G.
Kissling, T. G.
Kissling, T. G.

Knight, Professor C. R., M.A., B.Arch.(Liverpool), P.P.N.Z.-I.A., F.R.I.B.A., F.R.S.A. Kronfield, Mrs J. H.

Lahatte, J. A., B.Sc. (E.E.), LL.B. Lamb, Mrs O. Fyffe Latch, C. W. Latch, Mrs C. W. Latham, Dr. W. M. Latch, Mrs C. W.
Latham, Dr. W. M.
Law, R.
Lawford, R. E., B.Com., A.R.A.N.Z., A.C.A.I.
Laws, C. R., D.Sc., F.R.S.N.Z.
Laws, Miss J., B.Sc.
Laxon, W. A., LL.B.
Laxton, J. H., B.Sc.
Leach, Mrs P.
Leach, Mrs P.
Leach, Mrs P.
Leach, Mrs P.
Lee, John R. W. A., M.B.,
Ch.B., M.R.A.C.P., F.F.R.,
M.C.R.A., D.M.R.D.
Legg, M., M.E.I.C.
Lennard, C. G.
Legand, M. S. Com, M. Com,
Lewinder, M. C. G.
Leydon, M. C. G.
Leydon, M. E. C.
Lennard, C. G.
Leydon, M. E. C.
Leydon, M. E. C.
Lichtenstein, L.
Lillie, Professor A. R., M.A.,
Des Sc. F. R.S. N.Z. Lichtenstein, H. J.
Lichtenstein, Professor A. R., M.A.,
Des Sc., F.R.S.N.Z.
Lintott, F. G.
Linzey, J. T.
Liston, The Most Rev. James M.,
C.M.G., Dessor D. R., D.Sc.,
D.Phil, F.R.I.C., F.N.Z.I.C.
Lloyd, Miss Gilda, B.A.
Lloyd, Henry
Lloyd, L. C., F.I.I.C.
Lloyd, R. C., B.Sc.
London, H. D., J.P.
Loudon, Miss A. L., C.B.E.,
M.A., F.R.S.A.
Low, C. A.
Lowe, F. J.
Lurke, G. H.
Lurnsden, Miss M.
Lunn, Miss L. E.
Lunn, Miss L. E.
Lunn, Miss L. E. Lunn, Miss L. E. Lunn, L. V., A.R.A.N.Z., A.C.I.S.

McArthur, A. C. McBreaty, K. S. McCarthy, F., S.M. McCormick, E. H.

McCulloch, Miss M. H., Dip. H.Sc. MacDonald, E Macdonald, Miss N. Macdonald, Mrs W., M.A. MacDougall, I. S. McDougall, Miss J. A. McLeod, Kenneth H.
McLeod, Mrs P. J.
McNabb, R. F. R., M.Sc., Ph.D.
McNabb, R. F. R., M.Sc., Ph.D.
McNaughton, A. H., M.A., Ph.D.
McPherson, E. J.
McPherson, E. J.
McPherson, J. M. N.D.H.
Mabbett, Mrs B., M.A.
Mabutt, G. D.
Mack, G. D.
Madden, I. B. M.A.
Mahuta, R.
Mautha, R.
Maitland, Miss E. C. Maitland, Miss E. C. Mangos, J. E., D.D.S. Mangos, J. E., D.D.S.
Marks, G. S.
Marshall, B. A.
Marshall, Dr. R. T.
Martin, J. H., M.A.
Martin, K. A.
Martin, Miss Mary-Beth, Dip.F.A. (Hons.) (Hons.)
Maskill-Smith, G., M.Sc.,
M.I.Chem.E., A.R.I.C.,
A.N.Z.I.C., A.N.Z.I.E.
Mason, Hon. H. G. R., C.M.G.,
Q.C., M.A., I.L.B.
Massey, Miss Anne, I.L.M.
Massey, F. G., D.S.O., M.C.
Mathews, P. Mathews, P. Mayer, Dr. E. Mead, A. D., M.M., B.E. Meade, W. J., S.M. Melvin, L. W. Menzies, A. G. Merritt, Mrs R. Merton, Mrs M. S. , Mrs M. S. Metcalfe, G. H. Michie, R. Mills, A. L. F., A.I Milne, D. S., M.Sc. Milne, J. A. A.R.A.N.Z. Minhinnick, G. E., O.B.E. Mirams, R. V., M.Sc., Ph.D. Mitchell, Noreen S., M.A., Ph.D. (Columbia)

Moekaa, R.
Mollard, Miss S. M.
Moller, The Hon. Mr Justice
Mollert, R. R. G. R., B.A.
Moody, Mrs W.
Moon, G. J. H., M.R.C.V.S.,
A.R.P.S.
Moore, A. Eisdell, M.D.,
F.R.C.S., F.R.A.C.S.
Moorfield, J. C.
Morris, Mrs N. M.
Morters, M. G.
Morton, Miss Dorothy
Morton, Professor J. E., D.Sc.
Mountain, Miss E.
Mountain, Miss H.
Mountfort, H. V., M.A., B.Sc.,
Dip.Ed.
Moyle, R. M.
Munros, Sir Leslie, K.C.M.G.,
Murray, R. H., B.Sc.
Murdoch, A.
Murray, R. H., B.Sc.
Mutch, Margaret T.
Myers, Geoffrey
Mynott, William L.

Nathan, L. D., O.B.E., M.A., J.P. Neal, Miss E. M. Neary, J. F. Nelson, Dr. D. F. Newcomb, Mrs J. Newman, Dr. J. L. Newman, R. K. Newman, R. K. Newton, Mrs C. N. Newton, Mrs C. N. Newton, Mrs C. N. Newton, Mrs O. E. Nicholson, Mrs O. R. Nicholson, R. S. Nightingale, T. Noakes, N. de B., B.D.S. North, B. North, Dr. Raymond North, S.

O'Brien, W. J.
O'Connor, P. S., B.A.(Oxon.)
Ogilvie, Mrs M. H.
O'Halloran, K. H., M.A., Dip.Ed.
Olsson, B. H., O.B.E., B.Sc.
O'Meara, Mrs M. F.
O'Neill, Lieut-Comd. J. F. A.,
D.S.C., R.N.Z.N.
Oppenheim, R. S.
Oram, N. F., B.A.
O'bell, G. E.

Owen, Dr. R. J., D.M.D. Paapu, Mrs R. Palmer, Captain C. H. T., O.B.E., Ch.L.o'H., R.N.Z.N.V.R. (Retd.) Palmer, Dr. Mary S.
Park, Air Chief Marshal Sir
Keith, G.C.B., K.B.E., M.C., D.F.C Parker, Mrs S. L., B.A. Parker, Mrs S. L., B.A.
Parkinson, G. L.
Parr, C. J., LL.B.
Parris, Miss B. S., B.Sc.
Paterson, Dr. Andrew
Paterson, E. B., M.C., M.I.M.H.
Patterson, Mrs N. E.
Pattison, M. A., M.B.E.
Paykel, D.
Paykel, D.
Pearson, W. H. Paykel, D.
Pearson, W. H.
Peek, O. D.
Pegler, L. M.
Penniket, J. R.
Percy, C. A.
Perks, W. E. Perry, The Hon. Mr Justice, LL.M. Pettit, Miss P. M., M.A., Dip. Journ. Phillips, J. C.
Phipps, I. D.
Phipps, Rear Admiral Sir Peter,
C.B.E., D.S.C., V.R.D.,
R.N.Z.N.

Osborne, Rev. J. H., M.A. Osborne, R. J.

Ramsay, H. E. Ranby, P., B.A. Rankin, Miss F. V., Dip. F.A. Rawlinson, Miss Gloria

Pickmere, Mrs A. H. Piddington, Professor R., M.A., Ph.D., F.R.S.N.Z. Pierce, B. F., M.A. Piggin, D. M.

Pihema, Miss A. M.

Pihema, Miss A. M.
Pihema, Miss O.
Platts, Miss O.
Platts, Miss Una
Ponder, W. F., M.Sc.
Porritt, J. O.
Porsolt, Mrs. I. V.
Powell, Mrs. A. W. B.
Pritchard, M. H.
Printz, Mrs. S. I.
Puch, F., A.M.I.Mech.E.
Purdie, Cedrie L.
Pytus, J., B.Sc.

Raymond, Miss M., M.A.(Oxon.) Rees, R. G., B.Sc. Reid, J. G. S., B.A., A.R.A.N.Z. Reid, J. L. Reid, W. D., B.Sc., Ph.D. Rennie, Mrs J. Campbell Reynolds, Mrs W. Rhodes, J. H. Richards, C. E. S. Richardson, J., E.D. Ricketts, J., M.Sc. Ring, Dr. C. C. Ringer, R. A. A. Robb, Professor Joan, M.Sc., Dip.Ag. Raymond, Miss M., M.A.(Oxon.) Dip.Ag. DIP.AS.
Robertson, G. H., M.D., M.Sc.,
M.R.C.P., F.R.A.C.P.
Robertson, J. H.
Robinson, D. E., B.Sc.
Robinson, Miss Jacklyn
Robinson, S. B.
Rodewald, H. M.
Rodger W. Rodger, W. Roger, James Rogers, C. J.
Rogers, J., M.Sc., Ph.D.
(Cantab.), F.N.Z.I.C.,
M.E., M.Aust.I.M.M.
Rogers, Rev. L. M., M.A. M.A.I.-Ross, Mrs Ruth Ross, W. K., M.Sc., B.D.S., Ross, W. K., M.Sc., B.D.S., D.D.O.R.F.P.S.(Glas.), D.D.O.R.F.P.S.(Glas.), D.Orth.R.C.S.(Eng.). Rothschild, L. D. B. Rowell, G. H. Rowley, Dr. Gladys, M.B., Ch.B. Rudman, W. B. Rush-Munro, F. M. Pussell M. P. Russell, M. L. Rutherford, Q. E. Ryburn, Miss E. K., M.A.

Salmond, Mrs K. Salmond, R. J. Sandall, F. A., B.A., Dip.Ed., Dip.Lib.(Lond.), F.L.A., F.N.Z.L.A. Sandman, J. McK., J.P. Sargeson, F. Sargeson, F.
Scale, Mrs M.
Schofield, J. C., M.Sc.
Scott, D. I., B.A.
Scott, Mrs Eleanor A.
Scott, G. B.
Seabrook, P.
Seagar, R. Phillip
Seamer, Miss W.
Segar, Miss E. C. M., B.Sc.

Sellars, R. G. Shannon, R. T., B.Sc., M.I.E.E., M.N.Z.I.E. M.N.Z.L.E.
Sharpe, Mrs S. N.,
Sharp, A., M.A., B.A. (Oxon)
Sharples, P. R.
Shawcross, Mrs K. A.
Shawcross, Wiffred, B.A.(Cantab.)
Shepherd, B. F.
Shepherd, B. F.
Short, Mrs M. G.
Short, Mrs H. J.
Short, T. A.
Short, Mrs H. J.
Short, T. A.
Shrewsbury, Miss D. C. Snort, T. A.
Shrewsbury, Miss D. C.
Simmonds, G. W.
Simmonds, Mrs F.
Simmons, Rev. E. R., S.T.L., B.A.
Simpson, Frank A., M.A.
Sinclair, J. D., M.D., B. Medic.
Sc., F.R.A.C.P.
Sinclair, Professor K., M.A.,
Ph.D. Ph.D. Ph.D.
Small, Miss H. E. A.
Smith, Mrs J.
Smith, J. B.
Smith, Warwick
Smith, Mrs Warwick
Smith, William M. Smith, William M.
Smythe, R. H.
Sneyd, Mrs C., B.A.
Sorrenson, Dr. M. P. K.
Southern, Thomas P.
Spear, W. R.
Spencer, H. M.
Spencer, Rev. P. M. Spencer, H. M.
Spencer, Rev. P. M.
Spencer, T. J. F.
Spicer, Mrs M. M.
Spragg, Mrs E. J., M.A.
Spragg, R. F., E.D., B.Com.,
A.R.A.N.Z. Springall, A. Springali, A.
Stacey, D. E., J.P.
Stacpoole, J. M.
Stafford, D. M.
Stanton, A. McM., LL.B.
Stephens, Miss E. E., O.B.E., M.A. M.A. M.A. M., M.S., Ph.D. Stevenson, Mrs K. M., M.A. Stewart, G. Stewart, G. Stewart, Mrs F. A. Stockale, Mrs F. G. S. Strange, Miss M. G. Stretton, R. W. Struthers, W. Struthers, W. Struthers, W. Stubbing, Mrs E. M. Stubbing, Mrs E. M. Stubbs, J. W. L.

Sumich, J. J., B.Sc. Sutherland, A. E., F.R.N.S.N.Z. Swann, Miss E. I. Swanston, C., M.B., Ch.B., D.O.M.S., F.R.A.C.S. Swinton, A. D.

Tahere, Rev. Te Wheoki Rahiri, L.Th.
Taigel, R. H.
Taigel, R. H.
Taigol, W. Taigel, R. H.
Talbot, Dr. G. G., O.B.E.
Tandy, Mrs I. A., K.G.C.I.
(Stockholm)
Tangye, Mrs W. N.
Tatlersfield, Mrs L.
Taylor, D. M., B.Sc.
Taylor, D. M., B.Sc.
Taylor, D. W.
Theilman, N., M.B., Ch.B., B.Sc.
Thomas, F., B.A.
Thomas, H.
Thomas, H. C., M.M. and Bar,
B.Com., F.A.S.A., F.C.I.S.
Thomas, Dr. R. F.
Thompson, T. E., B.Sc.
Thomson, W.
Laird
Thory, F. T.
Tidswell, Mrs J. R.
Timlin, J. S., M.Sc., Ph.D.
Tocker, F.A.
Tonge, R. H.
Tonkin, Dr. Ronald C.
Topping, Dr. R. B.
Tonge, R. H.
Tonkin, Dr. Ronald C.
Topping, Dr. R. B.
Townsend, E. F.
Tuck, J. G., B.Com.
Tucker, C. N.
Turkington, J.
Turner, The Hon. Sir Alexander,
M.A., LL.B., Hon. LL.D.
Turner, The Hon. Sir Alexander,
M.A., LL.B., Hon. LL.D.
Turner, The Hon. Sir Alexander,
M.A., LL.B., Hon. LL.D.
Turner, The Hon. Sir Alexander,
M.A., LL.B., Hon. LL.D.
Turner, The Hon. Sir Alexander,
M.A., LL.B., Hon. LL.D.
Turner, The Hon. Sir Alexander,
M.A., LL.B., Hon. LL.D.
Turner, The Hon. Sir Alexander,
M.A., LL.B., Hon. LL.D.
Turner, The Harvey, C.B.
Turnil, K. S., M.A.
Tutt, Mrs E. J.

Uhe, George, M.A., M.Sc. Ullrich, L. D.

Vahry, D. H. Vennell, C. W. Verran, O. C., A.P.A.N.Z. Vialoux, H. R. A.

Waddell, J. Wain, Mrs C. E.

Wakefield, D. E.
Wakelin, H. L.
Wakely, Mrs Karin
Wakeman, L. E. R.
Walker, D. O., J.P., B. Com.
Walsott, Mrs.
Walsh, Rev. B. D. S., M. A.
Walsh, R. F. L. G.
Walsh, D. S., M. A.
Walsh, D. S., M. A.
Walsh, R. F. J. G.
Ward, R. H., B. A., B. Sc.
Ward, Mrs. D.
Watson, A. C.
Watson, Miss A. E.
Watson, Miss A. E.
Wats, Mrs. E. B.
Webb, Miss B.
Webb, Miss M. L.
Weir, Mrs. S. D. E.
West, Mrs. F. L-G.
West, Mrs. F. L-G.
West, Mrs. F. L-G.
West, Mrs. P. M. M. Sc., Ph.D.
(Camb.)
Whale, Mrs. D. P.
Whitelaw, Miss E. J. K., B.A.
Whitley, M. Miss E. J. K., B.A.
Whitley, S. J., B.Sc.
Whitley, W. J., B.Sc.
Whitley, S. J., B.Sc.

Wilcocks, C. R., B.Sc.
Wills, R. L.
Williams, P.L.B., B.E.
Williams, Cmdr. W. R., R.N.Z.N.
Williams, Cmdr. W. R., R.N.Z.N.
Williamson, Mrs M. F.
Williamson, Mrs M. F.
Williamson, Mrs M. F.
Williamson, Mrs M. F.
Williamson, Mrs G. B., M.Sc.
Wilson, Mrs G. B., M.Sc.
Wilson, Mrs G. B., M.Sc.
Wilson, Mrs J. S.
Wilson, Mrs W. L.
Wilson, Mrs W. L.
Winchester, Mrs O.
Winefield, Miss Josephine
Wilcombe, N. Cr.
Wilforamm, Mr. M.
Wood, M. B.
Wood, M. R.
Wood, M. R.
Wood, M. R.
Wood, Dr. W. Sealy
Woodbury, J. E.
Woodyear-Smith, H.
Woodloxall, J. L. D., B.A., M.Sc.
Worley, Rupert, M.C.
Wright, G. A., M.Sc., D.Phil.
(Öxon.), A.N.Z.L.C.
Wright, G. A., M.Sc., D.Phil.
(Öxon.), A.N.Z.L.C.
Wright, G. A., M.Sc., D.Phil.
(Öxon.), A.N.Z.L.C.
Wight, G. A., M.Sc., Miss Margaret
Wyatt, J. R.
Wyber, W. Miss Margaret
Wyatt, J. R.
Wyber, W. Miss M. A.
Winyard, G. L.

Yates, F. R. Yen, D. E., M.Agr.Sc.

Zinzan, G. L., B.A., B.Agr.Sc. Zohrab, Mrs M. E.

The Auckland Institute and Museum is an educational institution which gives free service to the whole community throughout the year. Money is urgently needed to widen its activities and increase its service to the community by the spread of knowledge among present and future citizens.

If additional help cannot be given now, a bequest would be of great value.

Form of Bequest.

I give and bequeath to the Institution known as the Auckland

Institute and Misseum the sum of \$ free of succession or estate duty to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.

AUCKLAND INSTITUTE AND MUSEUM

PRIVATE BAG, AUCKLAND 1.



Nomination For Membership

	MISS			
	Mr.			
beg to nominate	Mrs.			
	Dr.			
	Professor			
	T TOTCSSOT		(BLOCK LETTERS	PLEASE)
Degrees and Awar	ds			
segrees and 71war				
Postal Address				
Signature of nomin	nating member			
<u></u>				
Si	ubscription, \$5, du	e 1st April, year	ly.	

Life Membership, \$40.

Members may, on written request and on payment of the sum charged by the Royal Society of New Zealand, receive the Transactions of the Royal Society of New Zealand.

Printed by UNITY PRESS LTD, Auckland, June, 1968.

MOTUTAPU EXCAVATION. During four weeks in December 1967 and January 1968 Auckland archaeologists excavated two Maori sites at Station Bay, Motutapu Island, under the leadership of the Archaeologist, Miss Janet Davidson.

N.Z. Herald photo



